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ABSTRACT

The Staff of the Select Committee on Equal Educational Opportunity spent several months, during 1971, examining the Michigan Department of Education records of the Michigan Educational Assessment program--as well as visiting in various school districts of the State. The charts presented in this volume of the Committee's hearings are the result of those record examinations and visits; they were produced independently of the Michigan Department of Education. All of the cautions relative to independent interpretation of the Michigan Educational Assessment program (as expressed by Dr. Philip Kearney, Associate Superintendent for Research and School Administration of the Michigan Department of Education, in part 19A--Equal Educational Opportunity in Michigan, of this committee's hearings) apply to the reading and interpretation of the charts presented in this document. Thus, to read into or out of these charts any educational "answer" or "problem" of any one school district, school, or the State as a whole by means of any single variable or combination of those variables presented, is to dangerously ignore those variables not presented herein and will lead one to reach unsupportable conclusions. (Author/JM)

EQUAL EDUCATIONAL OPPORTUNITY—1971

ED 059311

HEARINGS

BEFORE THE

SELECT COMMITTEE ON EQUAL EDUCATIONAL OPPORTUNITY

OF THE

UNITED STATES SENATE

NINETY-SECOND CONGRESS

FIRST SESSION

ON

EQUAL EDUCATIONAL OPPORTUNITY

PART 19A–1—EQUAL EDUCATIONAL OPPORTUNITY IN MICHIGAN: U.S. Senate Select Committee on Equal Educational Opportunity staff charts on Michigan's Educational Assessment Program

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WASHINGTON, D.C.

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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EQUAL EDUCATIONAL OPPORTUNITY IN MICHIGAN

STAFF CHARTS ON THE MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM

U.S. SENATE
SELECT COMMITTEE ON
EQUAL EDUCATIONAL OPPORTUNITY
Washington, D.C.

The staff of the Select Committee on Equal Educational Opportunity spent several months, during 1971, examining the Michigan Department of Education records of the Michigan Educational Assessment program—as well as visiting in various school districts of the State.

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These charts must only be read in the light of the stated purposes of the Michigan Educational Assessment program and the declared goals of the Michigan Department of Education (Dr. Kearney, Part 19A, Equal Educational Opportunity in Michigan).

For the complete freedom of access to information accorded this committee and staff, we wish to express our thanks to State Superintendent of Education Dr. John Porter and his associates in the Michigan Department of Education.

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Ranking	Percent minority	District name	Code No.	Community type	Region	Human resources—1970–71							v
						Pupil ratio		Teacher experience		Percent teachers with masters degree	Percent teachers earning +$11,000	Average teachers' salary	
						Professional staff	Teacher	Percent 5 years or more	Average years				
		Percent minority, 4.5, Michigan Norms—State Level—4th grade				21. 5	23. 8	56	9. 6	19. 3	23. 2	8, 907	
		Percent minority, 4.5, Michigan Norms—State Level—7th grade				21. 5	23. 9	56	9. 6	20. 1	24. 2	9, 008	
		TOP 10 DISTRICTS IN RANK ORDER											
1	0	Green Lake	28–220	Rural	3	20—	20—	0—	1—	0—	0—	8, 000—	1
2	0	Fredonia	13–340	do	2	17—	17—	100—	29—	0—	0—	7, 000—	1
3	7	Freesoil	53–030	do	3	27. 9	27. 9	56—	14—	11—	11—	9, 914—	
4	0	Burnside	44–190	do	2	27—	27—	100—	N.A.—	0—	0—	7, 000—	2
5	9	Beaver Island	15–010	do	3	13. 6	13. 6	60—	15—	40—	0—	3, 100	3
6	1	Bloomfield Hills	63–080	Urban	1	19. 5	24—	61—	9—	44—	56—	10, 748—	2
7	1	Ishpheming	52–180	Town	4	20. 2	23. 2	76—	13—	47—	56—	9, 150—	1
8	1	White Pine	66–070	Rural	4	16. 2	18—	57—	9—	31—	37—	8, 472—	3
9	6	Bangor	80–240	do	2	31—	31—	100—	24—	0—	0	7, 230—	1
10	0	Grosse Pointe	82–055	Urban	1	19. 6	22. 9	77—	12—	56—	76—	11, 673—	2
		BOTTOM 10 DISTRICTS IN RANK ORDER											
518	69	Covert	80–040	Rural	2	16. 6	18. 3	27—	4—	7—	16—	8, 211—	2
519	0	Grant	42–030	do	4	6—	6—	100—	N.A.	0—	0—	4, 496—	24
520	8	Goodland—2	44–260	do	2	23—	23—	0	N.A.	0	0	N.A.	1
521	88	Inkster	82–080	Urban	1	23. 8	26. 4	61—	12—	38—	45—	9, 564—	
522	28	Brimley	17–140	Rural	4	19. 5	22. 5	70—	9—	17—	0—	9, 320—	
523	86	Highland Park	82–070	Core	1	18. 7	21. 8	64—	9—	38—	52—	10, 155—	2
524	0	Ionia Township—2	34–360	Rural	2	18—	18—	100—	19—	0—	0—	N.A.	2
525	0	Casco	03–250	do	2	47—	47—	0—	N.A.	0—	0—	N.A.	
526	0	Roxand	23–590	do	2	9—	9—	100—	9—	0—	0—	3, 737—	1
527	0	Chester Township	69–070	do	3	17—	17—	100—	N.A.	0	0	N.A.	

[1] Scores not reported.

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Chart 1.—MICHIGAN EDUCATIONAL ASSESSMENTS, 1970–71, BY COMPOSI

rage hers' lary	School financial resources—1969–70					January 1971, 4th and 7th grade district av										
						Student attitude measures—1970–71										
	State equal valuation	Local revenue	State aid	K–12 expenses	Total operating expenses	Student socioeconomic status		Importance of school achievement		Self-perception		Attitude to school		Vocabulary		
						4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th
8, 907	15, 466	372	326	451	639	49. 6		49. 2		49. 6		50		50. 7		51
9, 008	15, 180	369	329	458	648		50. 1		49. 4		49. 5		50. 4		50. 5	
000—	17, 079—	747—	83—	381—	556—	48—		58—		59—		59—		69—		6
000—	15, 952—	367—	216—	502—	582—	58. 5		59—		55. 5		60. 5		66. 5		6
914—	8, 988—	183	409—	376—	545—	47. 6	49. 1	53. 3	47. 5	49. 5	50—	57. 6	49. 7	62. 7	50—	5
000—	21, 451—	291—	217—	286—	326—	66—	53. 3	51—	47—	62—	59. 3	62—	65—	56—	47. 7	6
100	36, 925—	472—	125—	282—	410—	45. 9	55—	51. 3	48. 4	51. 4	50. 4	53. 3	56. 6	52. 4	51. 1	5
748—	23, 845—	846—	256—	632—	965—	61. 4	61. 2	51. 7	52. 2	52. 4	52. 9	51. 4	50. 3	58. 8	57. 6	5
150—	11, 336—	254—	395—	481—	698—	51—	52. 9	45. 5	47. 7	47. 5	50. 1	49. 3	50. 7	58. 9	56. 8	5
472—	37, 058—	893—	97—	655—	923—	53. 3	50. 3	49. 9	52. 2	50. 8	47. 7	51—	50. 6	57. 7	54. 8	5
230—	15, 201—	257—	266—	243—	338—	49—	52. 7	47. 5	59—	50—	34—	54. 5	50—	51—	51. 3	6
673—	29, 634—	903—	167—	736—	1, 025—	59. 9	58. 5	51. 5	50. 8	52. 1	52. 8	49. 9	48. 7	56. 9	56. 7	5
211—	23, 292—	565—	265—	485—	737—	42. 4	43—	50. 9	50. 9	48. 1	46. 2	50. 2	50. 4	43. 5	43. 4	4
496—	249, 762—	2, 270—		933	1, 598—	54—		48—		59—		68—		36—		4
N.A.	12, 465—	230—	268—	299	362—	46. 5	50. 3	52—	53. 3	40. 5	52. 3	51—	60—	51—	46—	4
564—	6, 637—	182—	504—	508—	708—	44. 2	42. 2	52. 2	52. 8	48. 9	47. 2	52. 7	52. 5	42. 9	39. 7	4
320—	9, 546—	171—	411—	465—	632—	45—	46. 3	45. 5	46. 3	46. 3	47. 2	53. 4	48. 1	45. 1	45. 8	4
155—	22, 954—	565—	300—	603—	893—	43. 7	42. 7	49. 9	49. 7	50. 8	48. 9	50. 8	48. 8	43. 2	43. 7	4
N.A.	26, 487—	559—	N.A.	303—	377—	44. 7		49. 7		47. 3		39. 3		39. 7		3
N.A.	9, 184—	118—	N.A.	N.A.	233—	41. 3		59—		49. 6		47. 2		42. 5		3
737—	19, 878—	166—	N.A.	230	539—	45. 5	41—	60. 5	63—	53—	49—	49—	52—	43. 5	63—	3
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	45—	41. 5	46. 5	56. 5	45. 5	37—	51—	54—	34. 5	50—	3

COMPOSITE ACHIEVEMENT RANKING

de district average scores and percentile ranks											Related information—1970–7				
Student performance measures															
ry	Reading		English expression		Mathematics		Composite achievement		Percentile ranks—1970–71		Number tested		District or school		Percent
7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	Size	Drop-outs	8
------	51. 1	--------	50. 7	--------	51. 1	--------	51. 0	--------	50	--------	----------	----------	3, 541	5. 1	--------
50. 5	--------	50. 9	--------	50. 7	--------	51. 2	--------	51. 0	--------	50	----------	----------	3, 701	5. 1	--------
------	63—	--------	66—	--------	64—	--------	64—	--------	95+	95+	1—	----------	22—	--------	0
------	62. 5	--------	65—	--------	65—	--------	64—	--------	95+	95+	2—	----------	14—	--------	0
50—	59. 4	51. 4	58. 7	50—	63. 1	51—	60. 4	50. 8	95+	95+	25—	21—	229—	6. 4	0
47. 7	62—	51—	58—	56—	56—	48. 7	59—	52—	95+	95+	1—	3—	25—	--------	0
51. 1	57. 1	56—	57. 6	56. 7	61—	57. 1	58. 9	56. 6	95+	95+	7—	7—	67—	--------	0
57. 6	57. 3	57—	57. 7	56. 8	58. 5	56. 9	57. 8	56. 9	95+	95+	680—	757—	9, 443—	--------	. 94—
56. 8	57. 2	56—	58—	58—	57. 8	56. 5	57. 7	56. 8	95+	95+	117—	146—	2, 349—	3. 0	0
54. 8	55. 6	54. 4	57. 6	56. 5	59. 2	56. 5	57. 6	55. 8	95+	95+	43—	52—	498—	1. 0	0
51. 3	60. 5	50. 7	47. 5	53. 7	65—	62. 3	57. 5	55. 7	95+	95+	2—	3—	33—	--------	0
56. 7	56. 8	56. 5	57. 7	56. 3	57. 3	55. 6	57. 3	56. 1	95+	95+	879—	921—	13, 319—	1. 3	. 74—
43. 4	43. 4	46. 9	43. 2	44—	42. 9	43. 3	43. 3	44. 8	0–5	0–5	69—	59—	919—	3. 4	27. 29
------	48—	--------	41—	--------	39—	--------	43—	--------	0–5	--------	1—	----------	5—	--------	--------
46—	49. 5	47. 8	39—	50. 5	40—	48. 3	43—	49—	0–5	15–20	2	4	25	--------	--------
39. 7	42. 3	41. 4	43. 6	41. 5	43. 1	40. 2	43—	41. 1	0–5	0–5	327—	248—	4, 803	11. 4	30. 32
45. 8	42. 7	48. 5	42. 1	46. 1	44. 2	45. 6	42. 9	46. 8	0–5	0–5	42—	41—	502	10. 1	28. 46
43. 7	42. 1	43. 1	42. 1	43. 1	41. 9	41. 7	42. 3	43. 1	0–5	0–5	503—	515—	8, 233	7. 2	32. 24
--------	38—	--------	43—	--------	44. 7	--------	42—	--------	0–5	--------	3—	----------	22	--------	--------
------	39. 7	--------	41. 3	--------	44. 4	--------	41. 9	--------	0–5	--------	10	----------	50	--------	--------
63—	39—	61—	39. 5	57—	41. 5	55—	40—	58—	0–5	95+	2—	1—	17	--------	--------
50—	39—	51. 5	35—	47. 5	41. 5	46—	38. 5	48—	0–5	5–10	2—	2—	N.A.	--------	--------

Related information—1970–71								Compensatory educational money		Michigan assessment scores—1969–70			
Number tested		District or school		Percent students below percentiles				Remedial	Assessment	Composite achievement		Percentile rank	
4th	7th	Size	Drop-outs	8	10	15	20			4th	7th	4th	7th
		3, 541	5. 1					4, 806, 418	16, 325, 437	50. 4	50. 3	50	50
		3, 701	5. 1										
1—		22—		0	0	0	0			47. 2		8—	
2—		14—		0	0	0	0		3, 030	44. 8		2—	
25—	21—	229—	6. 4	0	0	0	0			60. 7	51. 0	99—	56—
1—	3—	25—		0	0	0	0			50. 3	56. 0	40—	98—
7—	7—	67—		0	0	0	0			57. 8	52. 3	99—	77—
680—	757—	9, 443—		. 94—	1. 03—	2. 10—	3. 60	8, 280		57. 5	56. 4	99—	98—
117—	146—	2, 349—	3. 0	0	0	0	0			56. 2	55. 9	97—	97—
43—	52—	498—	1. 0	0	0	0	0			55. 9	56. 9	96—	98—
2—	3—	33—		0	0	0	0			55. 7	59. 7	96—	99—
879—	921—	13, 319—	1. 3	. 74—	. 87—	2. 06—	3. 37—	32, 400		56. 8	55. 8	98—	97—
69—	59—	919—	3. 4	27. 29	28. 60	38. 42	46. 28		73, 192	45. 2	44. 2	2—	1—
1—		5—								(1)	(1)	(1)	(1)
2	4	25							3, 189	42. 6	52. 8	1—	81—
327—	248—	4, 803	11. 4	30. 32	31. 65	40. 60	51. 57	12. 600	104, 858	44. 1	40. 8	1—	1—
42—	41—	502	10. 1	28. 46	29. 21	42. 69	48. 68		42, 416	46. 7	49. 1	6—	24—
503—	515—	8, 233	7. 2	32. 24	34. 07	43. 93	52. 48	18, 000	271, 879	42. 5	44. 1	1—	1—
3—		22								56. 7		98—	
10		50							8, 132	45. 6		4—	
2—	1—	17							1, 595	39. 8	41. 1	1—	1—
2—	2—	N.A.								(1)	(1)	(1)	(1)

69-828 O - 72 - pt. 19A-1 (In Envelope) Chart No. 1

						Human resources—1970–71						
						Pupil ratio		Teacher experience		Percent teachers with masters degree	Percent teachers earning +$11,000	Average teachers salary
						Professional staff	Teacher	Percent 5 years or more	Average years			
Percent minority, 4.5, Michigan Norms—State Level—4th grade						21. 5	23. 8	56	9. 6	19. 3	23. 2	8, 90
Percent minority, 4.5, Michigan Norms—State Level—7th grade						21. 5	23. 9	56	9. 6	20. 1	24. 2	9, 00
Ranking	Percent minority	District name	Code No.	Community type	Region							
		TOP 10 DISTRICTS IN RANK ORDER										
1	10	Oak Park	63–250	Urban	1	14. 8	22. 2	75—	10—	52—	67—	11, 979—
2	1	Dearborn	82–030	do	1	17. 9	21. 9	71—	14—	58—	67—	11, 720—
3	44	River Rouge	82–120	do	1	18. 7	21. 6	87—	14—	58—	81—	12, 962—
4	14	Watersmeet	27–080	Rural	4	14—	14. 4	71—	12—	29—	21—	9, 257—
5	8	East Lansing	33–010	Urban	2	17. 1	20. 8	71—	8—	53—	35—	9, 762—
6	0	Grosse Pointe	82–055	do	1	19. 6	22. 9	77—	12—	56—	76—	11, 673—
7	1	Republic Michigame	52–110	Rural	4	14. 7	17—	72—	11—	48—	59—	10, 055—
8	5	Marenisco	27–060	do	4	14. 6	14. 6	73—	12—	0—	0—	9, 174—
9	1	Birmingham	63–010	Urban	1	18. 8	21. 8	67—	8—	47—	62—	10, 717
10	11	Ann Arbor	81–010	Core	2	17. 4	21. 7	66—	9—	53—	60—	11, 308
		BOTTOM 10 DISTRICTS IN RANK ORDER										
518	0	Ubly Comm. Schs	32–170	Rural	2	20. 4	22. 2	36—	11—	12—	0—	8, 036—
519	1	Hale Area	35–020	do	3	23. 1	25. 5	19—	3—	4—	0—	7, 609—
520	1	Morenci Area	46–100	do	2	19. 7	23. 1	57—	12—	11—	0—	8, 410—
521	3	Ionia City	34–010	Town	2	23. 9	26. 1	63—	11—	21—	43—	8, 506—
522	0	North Branch Area	44–090	Rural	2	22. 6	26. 7	50—	8—	16—	26—	8, 657—
523	6	St. Louis Pub. Schls	29–100	Town	2	23. 1	26. 1	63—	12—	18—	17—	9, 007—
524	0	Flushing Com. Schls	25–120	Urban	2	27—	29. 7	37—	7—	12—	29—	8, 462—
525	5	Vassar	79–150	Town	2	25. 1	28. 1	58—	11—	10—	16—	9, 378—
526	4	Mount Morris Consol	25–040	Urban	2	22. 7	25. 2	41—	7—	18—	33—	9, 049—
527	9	Beaver Island	15–010	Rural	3	13. 6	13. 6	60—	15	40—	0	3, 100—

CHART 2.—MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM, TOP AND

71		School financial resources—1969–70					January 1971. 4th and 7t								
							Student attitude measures—1970–71								
Percent teachers earning +$11,000	Average teachers salary	State equal valuation	Local revenue	State aid	K–12 expenses	Total operating expenses	Student socioeconomic status		Importance of school achievement		Self-perception		Attitude to school		V
							4th	7th	4th	7th	4th	7th	4th	7th	4th
23. 2	8, 907	15, 466	372	326	451	639	49. 6	--------	49. 2	--------	49. 6	--------	50	--------	50
24. 2	9, 008	15, 180	369	329	458	648	--------	50. 1	--------	49. 4	--------	49. 5	------	50. 4	----
67—	11, 979—	30, 452—	1, 025—	205—	895—	1, 276—	56. 1	54. 2	50. 9	49. 5	53—	53. 3	52. 5	50. 6	58
67—	11, 720—	41, 231—	1, 037—	125—	735—	1, 056—	52. 6	52. 8	50. 7	51. 1	51. 1	51. 5	51—	51. 1	53
81—	12, 962—	56, 726—	1, 221—	44—	792—	1, 084—	44. 3	45. 3	52. 8	53. 7	49. 3	47. 9	49. 6	52. 6	48
21—	9, 257—	42, 384—	757—	65—	670—	1, 080—	48—	46. 3	52. 5	48—	44. 8	46. 9	54. 1	52. 5	52
35—	9, 762—	22, 584—	806—	248—	726—	1, 025—	57. 4	58. 5	49. 8	49. 4	51. 7	50. 2	51—	50. 8	56
76—	11, 673—	29, 634—	903—	167—	736—	1, 025—	59. 9	58. 5	51. 5	50. 8	52. 1	52. 8	49. 9	48. 7	56
59—	10, 055—	14, 921—	805—	331—	679—	1, 020—	51. 3	53—	48. 8	50. 5	51. 7	48. 6	49. 5	51. 4	53
0—	9, 174—	33, 479—	777—	140—	673—	1, 009—	51. 6	46. 5	50. 5	49—	49. 8	44—	55. 8	52. 7	50
62—	10, 717	23, 113—	757—	239—	701—	1, 007—	60. 5	60. 1	50. 8	51—	52. 7	51. 9	50. 1	50. 8	59
60—	11, 308	25, 642—	899—	205—	756—	1, 004—	55. 5	55. 4	49. 2	49. 8	52. 6	53—	50. 3	49. 5	54
0—	8, 036—	16, 921—	261—	334—	358—	521—	47. 2	48. 5	45. 9	46. 1	50. 6	48. 6	46. 2	51. 5	47
0—	7, 609—	28, 988—	410—	177—	327—	521—	48—	46. 7	47. 9	51—	47. 5	48. 7	50. 2	53. 8	48
0 -	8, 410—	11, 736—	194—	347—	370—	518—	49. 7	51. 5	51. 8	50—	48. 7	50. 6	48. 7	51. 6	53
43—	8, 506—	8, 812—	193—	418—	348—	516—	50. 3	50. 4	50. 7	49. 6	48. 9	49. 3	48. 2	50. 1	40
26—	8, 657—	8, 362—	174—	410—	386—	513—	48. 7	49. 2	47. 2	51. 3	49. 9	48. 5	51. 9	50. 8	50
17—	9, 007—	12, 395—	236—	337—	371—	509—	48. 2	52. 6	49. 6	49. 7	50. 7	48. 9	50—	47. 3	50
29—	8, 462—	10, 425—	271—	370—	376—	507—	53. 3	54. 9	49. 6	50. 1	49. 5	50. 5	52. 7	49. 4	53
16—	9, 378—	13, 648—	248—	318—	369—	504—	48. 1	49. 5	48—	52. 5	49—	48. 6	49. 9	51. 4	51
33—	9, 049—	8, 999—	167—	392—	372—	496—	48. 6	48. 3	51—	52. 7	48. 6	47. 9	50. 1	49. 6	47
0	3, 100—	36, 925—	472—	125—	282—	410—	45. 9	55—	51. 3	48. 4	51. 4	50. 4	53. 3	56. 6	52

GRAM, TOP AND BOTTOM 10 DISTRICTS, 1970–71, BY EXPENDITURE RANK

January 1971. 4th and 7th grade district average scores and percentile ranks															
Student performance measures															
Attitude to school		Vocabulary		Reading		English expression		Mathematics		Composite achievement		Percentile ranks—1970–71		Number tested	
4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th
50	50.4	50.7	50.5	51.1	50.9	50.7	50.7	51.1	51.2	51.0	51.0	50	50		
52.5	50.6	58.4	54.2	55.6	54.1	56.4	54.2	56.2	54.3	56.1	54.2	95+	90–95−	341−	408−
51−	51.1	53.1	53.1	53.4	53.4	54−	53.4	55.1	54.3	54.2	53.7	85–90	85–90	1,361−	1,679−
49.6	52.6	48.4	46.8	45.7	47.9	47−	48.9	47.5	46.8	46.8	47.9	5–10	5–10	303−	281−
54.1	52.5	52.6	50−	52.4	51.2	50.7	50.5	48.5	48.8	50.5	50.2	40	35–40	11−	17−
51−	50.8	56.9	57.4	54.7	56.5	54.6	54.5	56.4	56.2	55.2	55.8	90–95	95+	390−	381−
49.9	48.7	56.9	56.7	56.8	56.5	57.7	56.3	57.3	55.6	57.3	56.1	95+	95+	879−	921−
49.5	51.4	53.8	52.2	55.4	55.3	54.3	55.3	53.9	57−	54.5	55.9	90–95−	95+	31−	38−
55.8	52.7	50.3	53.8	49.8	55.5	48.6	54.3	52.2	51.6	50.3	53.8	35–40	85–90	12−	10−
50.1	50.8	59.8	58.0	56.1	57.7	57.0	57.2	57.3	57.5	56.8	57.5	95+	95+	1,164−	1,279
50.3	49.5	54.7	55.8	54−	55.6	53.5	52.9	53.5	54.8	53.7	54.6	80–85	90–95	1,585	1,410
46.2	51.5	47.4	51.2	48.1	52.9	47.3	53.1	46.3	55.1	47.3	53.7	5–10	85–90	61−	73−
50.2	53.8	48.6	49.5	48.9	50.9	47.6	50.1	50.7	50.1	49.1	50.4	20	40	47−	50−
48.7	51.6	53.5	53.8	52.3	54.4	49.7	53.2	53.1	54.2	51.7	53.9	60–65	85–90	82−	99−
48.2	50.1	40.4	49.2	49.9	49−	48.8	49.3	48.9	48.5	49.3	48.9	20–25	15–20	257−	270−
51.9	50.8	50.8	48.7	51.1	50.7	49.9	49−	48.6	48.5	49.9	49.4	30–35	20–25	165−	156−
50−	47.3	50.6	54.3	49−	52.5	49.6	52.5	49.1	55.7	49.2	53.6	20–25	85–90	158−	146−
52.7	49.4	53.7	53.1	54.4	53.5	54.5	53.3	54−	54.7	54.3	53.9	90–95	85–90	439−	431−
49.9	51.4	51.6	51.3	52.7	50.9	51.1	51.8	51.5	53−	51.8	52−	60–65	70	148−	146−
50.1	49.6	47.7	48.4	48−	49.3	47.8	49.2	47.8	50−	47.9	49.6	10–15	25–30	288−	315−
53.3	56.6	52.4	51.1	57.1	56−	57.6	56.7	61−	57.1	58.9	56.6	95+	95+	7−	7−

Related information—1970–71								Compensatory educational money		Michigan assessment scores—1969–70			
Number tested		District or school		Percent students below percentiles				Remedial	Assessment	Composite achievement		Percentile rank	
4th	7th	Size	Drop-outs	8	10	15	20			4th	7th	4th	7th
		3, 541	5. 1					4, 806, 418	16, 325, 437	50. 4	50. 3	50—	50—
		3, 701	5. 1										
341—	408—	5, 853—	1. 6	4. 20	4. 45	5. 98	8. 46	34, 200	19, 041	56. 2	55—	97—	95—
								30, 240		54—	55—	89—	95—
1, 361—	1, 679—	21, 631—	2. 6	2. 89	3. 18	5. 44	8. 34	5, 720	106, 163	46. 1	47. 1	5—	7—
303—	281—	3, 859—	12. 4	13. 90	14. 84	22. 32	30. 68			52. 2	55—	71—	95—
11—	17—	196—	8. 5					27, 000		54. 2	55. 5	90—	97—
390—	381—	5, 174—	3. 4	3. 60	3. 67	6. 65	9. 06	32, 400		56. 8	55. 8	98—	97—
879—	921—	13, 319—	1. 3	0. 74	0. 87	2. 06	3. 77	3, 600	1, 440	53. 9	53. 8	88—	90—
31—	38—	515	0. 8							53—	52. 7	81—	80—
12—	10—	168—	1. 5					72, 000		56. 5	56. 8	98—	98—
1, 164—	1, 279	17, 528	2. 8	1. 58	1. 66	2. 83	4. 85	39, 600		53. 9	54. 2	88—	92—
1, 585	1, 410	20, 108	3. 2	7. 34	7. 73	9. 90	13. 33						
								3, 600		48. 7	49. 1	18—	24—
61—	73—	1, 149—	2. 8	14. 15	14. 52	21. 32	30. 69			49. 3	48. 5	24—	16—
47—	50—	645—	3. 5	9. 97	10. 52	16. 06	23. 26			51. 9	53—	67—	83—
82—	99—	1, 167—	5. 8			8. 10	11. 92	7, 200		51. 4	48. 9	59—	21—
257—	270—	4, 343—	4. 2	10. 26	11. 48	16. 93	24. 23	7, 200		50. 3	48. 7	40—	18—
165—	156—	2, 073—	2. 4	8. 05	8. 22	13. 98	19. 57	3, 600		51. 1	50. 6	53—	49—
158—	146—	2, 187—	4. 7	7. 17	7. 17	12. 77	19. 51	7, 200		53. 6	54. 5	86—	93—
439—	431—	5, 263—	5. 1	2. 47	2. 54	4. 08	6. 98	7, 200		49. 9	48. 9	33—	21—
148—	146—	2, 116—	6. 6	5. 95	6. 28	10. 66	12. 89	3, 600		47. 5	48. 1	10—	11—
288—	315—	3, 775—	5. 1	11. 07	11. 58	17. 25	25. 07	3, 600	46, 202	57. 8	52. 3	99—	77—
7—	7—	67—											

69-828 O - 72 - pt. 19A-1 (In Envelope) Chart No. 2

	Human resources—1970–71						
	Pupil ratio		Teacher experience		Percent teachers with masters degree	Percent teachers earning +$11,000	Average teacher salary
	Professional staff	Teacher	Percent 5 years or more	Average years			
Percent minority, 4.5, Michigan Norms—State Level—4th grade	21. 5	23. 8	56	9. 6	19. 3	23. 2	8, 90
Percent minority, 4.5, Michigan Norms—State Level—7th grade	21. 5	23. 9	56	9. 6	20. 1	24. 2	9, 00

Ranking	Percent minority		District name	Code No.	Community type	Region						
	1968–70											
†	88	88	Inkster	82–080	Urban	1	23. 8	26. 4	61—	12—	38—	45—	9, 564
†	78	86	Highland Park	82–070	Core	1	18. 7	21. 8	64—	9—	38—	52—	10, 155
†	72	76	Muskegon Hts	61–020	do	2	21. 3	23. 7	57—	11—	19—	41—	8, 983
†	69	69	Covert	80–040	Rural	2	16. 6	18. 3	27—	4—	7—	16—	8, 211
†	61	65	Detroit	82–010	Core	1	23. 8	27—	61—	11—	34—	58—	11, 174
†	58	57	Ecorse	82–250	Urban	1	19. 2	23. 4	67—	14—	47—	63—	12, 032
†	54	54	Benton Harbor	11–010	City	2	20. 4	22. 5	67—	11—	24—	46—	10, 102
†	51	51	Buena Vista	73–080	Urban	2	21. 3	24. 2	55—	7—	16—	40—	8, 294
†	47	44	River Rouge	82–210	do	1	18. 7	21. 6	87—	14—	58—	81—	12, 962
†	45	45	Baldwin	43–040	Rural	3	19. 0	21. 9	58—	7	4	0—	7, 665
†	41	42	Saginaw	73–010	Core	2	20. 2	24. 3	69—	12—	31—	60—	9, 212
†	40	40	Westwood	82–240	Urban	1	23. 9	26. 8	66—	8—	29—	52—	10, 707
†	38	42	Flint	25–010	Core	2	22. 1	25. 4	63—	8—	33—	47—	10, 487
†	36	36	Beecher	25–240	Urban	2	20. 5	22. 6	52—	9—	21—	34—	9, 208
†	34	34	Albion	13–010	City	2	21. 3	23. 7	51—	9—	25—	44—	9, 630
†	34	38	Pontiac	63–030	Core	1	23. 1	25. 9	60—	10—	32—	54—	11, 060
‡	31	30	Hamtramack	82–060	do	1	22. 3	24. 6	75—	13—	31—	63—	10, 873
†	30	30	Cassopolis	14–010	Town	2	21. 6	25. 1	42—	7—	9—	12—	8, 463
†	25	28	Battle Creek	13–020	Core	2	19. 8	22. 9	53—	10—	35—	42—	10, 250
†	24	25	Grand Rapids	41–010	do	2	19. 4	23. 5	56—	9—	23—	33—	7, 946
†	23	26	Muskegon	61–010	do	2	17. 5	20. 3	59—	11—	30—	42—	11, 391
†	22	22	Mount Clemens	50–160	City	1	21. 8	25. 5	59—	10—	30—	49—	10, 145
†	22	22	Ypsilanti	81–020	do	2	19. 7	22. 8	53—	9—	35—	39—	9, 875
‡	21	21	New Haven	50–170	Rural	1	24. 8	26. 5	47—	7—	8—	27—	9, 312
‡	20	20	Willow Run	81–150	Urban	2	17. 1	21. 4	34—	6—	37—	30—	8, 799
†	18	18	Romulus	82–130	Town	1	22. 3	24. 5	53—	7—	33—	47—	9, 912
†	17	19	Lansing	33–020	Core	2	22. 2	27. 1	59—	10—	38—	47—	10, 152
†	16	18	Kalamazoo	39–010	do	2	19—	22. 7	57—	11—	46—	51—	10, 135
†	15	16	Jackson	38–170	do	2	21. 1	24. 5	77—	12—	36—	71—	10, 642
‡	15	15	Dowagiac	14–020	Town	2	21. 2	25. 4	58—	10—	24—	18—	8, 759
†	13	13	Holland	70–020	City	2	18. 5	21. 4	72—	13—	45—	36—	9, 124
‡	12	12	Ferndale	63–020	Urban	1	20—	23. 6	36—	9—	40—	51—	9, 426
‡	10	11	Ann Arbor	81–010	Core	2	17. 4	21. 7	66—	9—	53—	60—	11, 308
†	10	10	Oak Park	63–250	Urban	1	14. 8	22. 2	75—	10—	52—	67—	11, 979
‡	8	8	Clintondale	50–070	do	1	23. 5	26—	60—	7—	34—	54—	9, 168
†	8	8	Port Huron	74–010	City	2	22. 3	25. 4	63—	11—	26—	46—	8, 901
	5	6	Bay City	09–010	Core	2	24. 3	26. 9	72—	12—	34—	61—	10, 697
†	4	4	Monroe	58–010	City	2	23. 6	26. 5	59—	11—	31—	53—	10, 075
‡	3	3	Taylor Township	82–150	Urban	1	23. 3	27. 8	65—	10—	35—	59—	11, 758
‡	2	2	Roseville	50–030	do	1	22—	26—	62—	9—	31—	57—	10, 169

†Districts with at least 1 school having 50 percent black students.
‡Districts with at least 1 school having 25 percent black students.

CHART 3.—RACIALLY-IMPACTED SCHOOL DISTRICTS,

		School financial resources—1969–70					January 197[illegible]. 4th and 7th gr[illegible]									
							Student attitude measures—1970–71									
Percent teachers earning $11,000	Average teachers salary	State equal valuation	Local revenue	State aid	K–12 expenses	Total operating expenses	Student socioeconomic status		Importance of school achievement		Self-perception		Attitude to school		Vocabu	
							4th	7th	4th	7th	4th	7th	4th	7th	4th	
23. 2	8, 907	15, 466	372	326	451	639	49. 6	-------	49. 2	-------	49. 6	-------	50		50. 7	
24. 2	9, 008	15, 180	369	329	458	648	-------	50. 1	-------	49. 4	-------	49. 5	-------	50. 4	-------	
45—	9, 564—	16, 637—	182—	504—	508—	708—	44. 2	42. 4	52. 2	52. 8	48. 9	47. 2	52. 7	52. 5	42. 9	
52—	10, 155—	22, 954—	565—	300—	603—	893—	43. 7	42. 7	49. 9	49. 7	50. 8	48. 9	50. 8	48. 8	43. 2	
41—	8, 983—	11, 334—	240—	398—	510	679	44—	42. 7	50. 7	53. 2	47. 9	49—	49. 4	52. 6	44. 1	
16—	8, 211—	23, 292—	565—	265—	485—	737	42. 4	43—	50. 9	50. 9	48. 1	46. 2	50. 2	50. 4	43. 5	
58—	11, 174—	17, 720—	419—	304—	481—	756—	45. 6	44. 7	52. 1	51. 3	50. 2	49—	49. 9	49. 5	44. 5	
63—	12, 032—	40, 444—	769—	152—	733—	996—	46. 9	44. 9	53. 8	51. 3	49. 2	48. 4	52. 5	51. 9	47—	
46—	10, 102—	13, 323—	395—	335—	518—	714—	44. 8	42. 7	49. 9	51—	48. 9	47. 9	50. 3	49. 9	46. 4	
40—	8, 294	29, 911—	611—	169—	545—	775—	45. 2	45. 5	51. 2	53. 5	50. 2	46. 4	51. 6	50. 4	46. 4	
81—	12, 962—	56, 726—	1, 221—	44—	792—	1, 084—	44. 3	45. 3	52. 8	53. 7	49. 3	47. 9	49. 6	52. 6	48. 4	
0—	7, 665—	28, 163—	476—	334—	603—	875—	41. 4	45. 6	52. 3	49. 4	51. 6	50—	47. 5	49. 2	41. 1	
60—	9, 212—	18, 744—	482—	311—	572—	757—	45. 9	45. 4	50. 6	52. 1	50—	48. 4	50—	50. 8	46. 5	
52—	10, 707—	13, 615—	360—	341—	445—	702—	45. 3	46. 1	50. 1	50. 1	49. 7	49. 4	50. 1	47. 9	45. 8	
47—	10, 487—	19, 087—	580—	294—	591—	869—	46. 2	45. 9	51. 8	51. 6	49. 4	48. 9	50. 6	50—	48. 2	
34—	9, 208—	11, 686—	337—	370—	527—	693—	44. 3	42. 4	50. 1	50. 9	49. 9	47. 3	50. 7	49. 5	47. 3	
44—	9, 630—	14, 555—	349—	316—	507—	677—	48. 1	45. 7	51. 4	50. 7	49. 1	47. 9	53. 5	49. 6	49. 2	
54—	11, 060—	21, 033—	582—	273—	576—	857—	46. 5	45. 6	51. 7	51. 2	49. 7	48. 9	50. 3	50. 5	46. 5	
63—	10, 873—	36, 703—	813—	112—	582—	878—	41. 5	39. 9	51. 2	48. 6	50. 7	47. 9	50—	51. 7	46. 4	
12—	8, 463—	13, 234—	290—	328—	375—	591—	50. 3	49. 7	50. 4	50. 3	50. 2	50. 7	4[illegible]8	45. 6	50. 1	
42—	10, 250—	18, 912—	560—	312—	585—	846—	47—	45. 9	49. 1	51. 1	48. 8	50. 2	46. 9	49. 5	47. 9	
33—	7, 946—	20, 343—	474—	307—	454—	810—	47. 2	47. 8	51. 2	51. 5	49. 8	50—	49. 2	49. 8	46. 9	
42—	11, 391—	16, 831—	528—	324—	655—	863—	46. 1	46. 7	50. 6	51. 2	49. 7	48. 8	51. 3	50. 2	47. 1	
49—	10, 145—	13, 296—	379—	336—	548—	768—	48—	47. 1	51. 1	49. 7	50—	49. 6	51. 2	49. 8	48. 8	
39—	9, 875—	19, 528—	464—	309—	575—	888—	48. 8	49. 1	50. 8	49. 5	49. 2	50. 5	50. 9	50. 4	49. 6	
27—	9, 312—	11, 907—	316—	350—	443—	630—	47. 8	47. 2	50. 5	47. 2	46. 8	49. 7	51. 3	51. 5	48. 5	
30—	8, 799—	14, 521—	464—	322—	534—	754—	46. 6	44. 5	51. 5	48. 7	49. 4	50. 5	48. 2	46. 4	45. 5	
47—	9, 912—	19, 871—	546—	277—	554—	816—	45. 4	44. 9	49. 9	48. 6	48. 2	51—	50. 1	49. 4	46. 1	
47—	10, 152—	18, 828—	606—	299—	596—	894—	48. 9	48. 4	49. 3	49. 7	50. 1	49. 9	49. 5	50. 5	49. 4	
51—	10, 135—	22, 139—	667—	267—	611—	893—	49. 4	50. 2	49—	49. 1	50. 7	51. 1	49. 1	48. 9	49. 9	
71—	10, 642—	17, 579—	590—	300—	606—	925—	50. 3	49. 8	49. 7	50. 7	50. 2	50. 6	50. 5	51. 4	49. 5	
18—	8, 759—	11, 036—	309—	362—	456—	618—	47—	47. 5	49—	50. 2	47. 4	49. 1	50. 6	52. 7	50. 1	
36—	9, 124—	20, 517—	460—	255—	547—	709—	50. 5	49. 2	48. 2	48. 4	50. 3	49. 2	50. 8	51. 5	54. 3	
51—	9, 426—	15, 439—	428—	324—	574—	818—	51. 8	51. 2	50. 1	50. 4	51. 2	51. 3	49. 8	48. 1	50. 2	
60—	11, 308—	25, 642—	899—	205—	756—	1, 004—	55. 5	55. 4	49. 2	49. 8	52. 6	53—	50. 3	49. 5	54. 7	
67—	11, 979—	30, 452—	1, 025—	205—	895—	1, 276—	56. 1	54. 2—	50. 9	49. 5	53—	53. 3	52. 9	50. 6	58, 4	
54—	9, 168—	8, 749—	355—	394—	470—	673—	48. 9	48. 2	49. 8	49. 6	50. 6	49. 8	48—	50. 2	49. 3	
46—	8, 901—	12, 818—	394—	340—	498—	683—	48. 2	48. 1	50. 3	48. 9	49. 3	49. 7	49. 8	49. 2	49. 5	
61—	10, 697—	16, 054—	368—	311—	511—	710—	49. 7	48. 9	49. 5	49. 5	49. 4	49. 5	50. 2	50. 3	49. 4	
53—	10, 075—	17, 825—	408—	282—	484—	685—	47. 7	47. 9	50—	48. 3	51. 6	50. 6	49. 7	48. 3	50. 1	
59—	11, 758—	9, 607—	318—	387—	501—	676—	48. 8	47. 6	51. 4	50. 6	50—	48. 9	50. 5	49. 5	49. 9	
57—	10, 169—	10, 265—	328—	406—	550—	734—	48. 7	47. 9	49. 9	48. 2	50. 6	49. 9	50 1	50. 2	50—	

L DISTRICTS, STATE OF MICHIGAN, 1970–71

71. 4th and 7th grade district average scores and percentile ranks

Related i

to 7th	Student performance measures												Number tested		District or Size
	Vocabulary		Reading		English expression		Mathematics		Composite achievement		Percentile ranks—1970–71				
	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	
50. 4	50. 7	50. 5	51. 1	50. 9	50. 7	50. 7	51. 1	51. 2	51. 0	51. 0	50	50			3, 541 3, 701
52. 5	42. 9	39. 7	42. 3	41. 4	43. 6	41. 5	43. 1	40. 2	43—	41. 1	0–5	0–5	327	248	4, 803
48. 8	43. 2	43. 7	42. 3	43. 8	42. 1	43. 1	41. 9	41. 7	42. 3	43. 1	0–5	0–5	503	515	8, 233
52. 6	44. 1	40. 3	44. 4	41. 6	43. 9	41. 8	43. 5	41. 4	44—	41. 7	0–5	0–5	311	267	4, 237
50. 4	43. 5	43. 4	43. 4	46. 9	43. 2	44—	42. 9	43. 3	43. 3	44. 8	0–5	0–5	69	59	919
49. 5	44. 5	43. 5	44—	44. 4	44. 6	44—	43. 4	42. 6	44. 1	43. 9	0–5	0–5	20, 089—	19, 707	293, 822
51. 9	47—	44. 9	46—	45. 8	47. 5	45. 7	47. 9	44. 9	47. 2	45. 5	5–10	0–5	308—	315—	4, 377
49. 9	46. 4	43. 3	45. 6	43. 7	45. 3	44. 2	45. 7	44. 5	45. 7	44. 2	0–5	0–5	704—	647—	11, 982
50. 4	46. 4	43. 9	48—	44. 7	46. 7	44. 9	46. 5	45. 1	47. 1	44. 9	5–10	0–5	260—	261—	3, 520
52. 6	48. 4	46. 8	45. 7	47. 9	47—	48. 9	47. 5	46. 8	46. 8	47. 9	5–10	5–10	303—	281—	3, 859
49. 2	41. 1	46. 6	40. 2	46. 1	42. 3	46. 1	40. 7	43. 7	41. 1	45. 3	0–5	0–5	79—	82—	947
50. 8	46. 5	45. 5	46. 4	45. 8	46. 9	46. 4	46. 8	46. 3	46. 7	46. 2	5	0–5	1, 620—	1, 598—	23, 190
47. 9	45. 8	44. 2	47—	44. 5	46. 9	44. 4	47. 2	43. 5	47. 1	44. 1	5–10	0–5	344—	335—	5, 121
50—	48. 2	47. 2	47. 7	47. 1	48. 6	47. 2	48. 4	47. 0	48. 3	47. 1	10–15	5–10	3, 402—	3, 189—	46, 928
49. 5	47. 3	44. 6	47. 6	45. 2	47. 1	45. 3	46. 4	45. 8	47—	45. 5	5–10	0–5	528—	490—	6, 478
49. 6	49. 2	46. 7	49. 4	47. 6	48. 8	46. 4	50. 6	47. 9	49. 6	47. 5	25–30	5–10	278—	253—	3, 877
50. 5	46. 5	46. 9	46. 9	47. 4	46. 3	46. 6	46. 8	46. 5	46. 7	46. 9	5	0–5	1, 843—	1, 594—	24, 872
51. 7	46. 4	43. 2	46. 7	43. 8	45. 8	43. 5	47. 3	43. 1	46. 7	43. 5	5	0–5	200—	178—	3, 044
45. 6	50. 1	47. 3	49. 5	47. 5	49. 8	45. 7	47—	45. 4	48. 7	46. 2	15–20	0–5	158—	138—	1, 983
49. 5	47. 9	48. 1	46. 9	48. 6	47. 7	47. 1	48. 4	48—	47. 8	47. 9	10–15	5–10	767—	736—	11, 239
49. 8	46. 9	47. 9	46. 8	48. 4	47. 1	47. 4	47. 6	48. 1	47. 3	48. 1	5–10	5–10	2, 456—	2, 255—	35, 149
50. 2	47. 1	48—	48. 3	49. 5	47. 8	49. 6	47. 2	48. 5	47. 7	49. 2	10–15	20	763—	722—	10, 603
49. 8	48. 8	50—	49. 1	48. 7	48. 8	47. 9	49—	48—	49—	48. 3	20–25	10–15	476—	488—	6, 830
50. 4	49. 6	49. 9	48. 6	50. 3	48. 4	48. 6	47. 1	48. 4	48. 1	49. 1	10–15	15–20	580—	537—	7, 880
51. 5	48. 5	43. 6	49. 1	47. 6	47. 4	47. 9	47. 7	45. 4	48. 2	47—	15	5	128—	142—	1, 755
46. 4	45. 5	46. 2	44. 9	47. 5	45. 7	46. 3	45. 8	45. 5	45. 5	46. 5	0–5	0–5	272—	183—	4, 460
49. 4	46. 1	46. 2	46. 9	46. 9	46—	46. 2	45. 9	46. 5	46. 3	46. 5	0–5	0–5	463—	447—	5, 456
50. 5	49. 4	49. 2	49—	49—	49—	48. 2	48. 7	48. 6	49—	48–7	20–25	10–15	2, 410—	2, 157—	33, 084
48. 9	49. 9	50. 7	49. 9	51. 1	49. 4	49. 7	48. 4	51. 2	49. 4	51. 2	30	50–55	1, 285—	944—	18, 954
51. 4	49. 5	50. 4	47. 8	49. 8	47. 4	48. 6	48—	50—	47. 8	49. 5	10–15	25	1, 044—	1, 023—	14, 946
52. 7	50. 1	51. 1	49. 5	51. 5	48. 9	50. 6	49. 6	51. 2	49. 5	51. 1	30–35	50–55	304—	298—	4, 202
51. 5	54. 3	53. 1	55. 1	53. 6	55. 1	53. 7	55. 6	54. 1	55. 3	54—	90–95	85–90	374—	376—	5, 475
48. 1	50. 2	52. 1	49. 7	51. 6	49. 8	51. 7	50. 3	50. 5	50—	51. 3	30–35	55	592—	576—	8, 566
49. 5	54. 7	55. 8	54—	55. 6	53. 5	52. 9	53. 5	54. 8	53. 7	54. 6	85–90	90–95	1, 585—	1, 410—	20, 108
50. 6	58, 4	54. 2	55. 6	54. 1	56. 4	54. 2	56. 2	54. 3	56. 1	54. 2	90–95	90–95	341—	408—	5, 853
50. 2	49. 3	49. 6	49. 9	51—	49. 9	50—	48. 5	50. 5	49. 4	50. 5	20–25	40–45	419—	341—	4, 947
49. 2	49. 5	48. 7	49. 3	49. 1	48. 4	48. 8	49—	48. 5	48. 9	48. 8	15–20	15	1, 139—	1, 121—	15, 158
50. 3	49. 4	50. 3	50. 1	51. 1	49. 9	50. 1	50. 5	51. 3	50. 2	50. 9	35–40	45–50	1, 120—	1, 108—	16, 889
48. 3	50. 1	50. 4	51—	49. 1	49. 8	49. 4	49. 9	50—	50. 3	49. 5	35–40	25	692—	733—	9, 294
49. 5	49. 9	48. 1	51—	49. 2	51. 2	48. 9	49. 1	49. 3	50. 5	49. 1	40	15–20	1, 421—	1, 575—	20, 093
50. 2	50—	48. 7	49. 5	49. 5	49. 5	49. 6	50. 2	49. 1	49. 8	49. 4	30	20–25	1, 011—	1, 022—	14, 739

Related information—1970–71								Compensatory educational money		Michigan assessment scores—1969–70			
Number tested		District or school		Percent students below percentiles				Remedial	Assessment	Composite achievement		Percentile rank	
4th	7th	Size	Drop-outs	8	10	15	20			4th	7th	4th	7th
		3, 541	5. 1					4, 806, 418	16, 325, 437	50. 4	50. 3	50	50
		3, 701	5. 1										
327	248	4, 803	11. 4	30. 32	31. 65	40. 60	51. 57	12, 600	104, 858	44. 1	40. 8	1	1
503	515	8, 233	7. 2	32. 24	34. 07	43. 93	52. 48	18, 000	271, 879	42. 5	44. 1	1	1
311	267	4, 237	8. 6	26. 39	28. 57	37. 34	47. 08	7, 200	183, 641	44. 3	42. 3	1	1
69	59	919	3. 4	27. 29	28. 60	38. 42	46. 28		73, 192	45. 2	44. 2	2	1
20, 089—	19, 707	293, 822	14. 9	26. 25	27. 64	37. 51	46. 54	384, 840	8, 826, 238	44. 6	44. 8	2	1
308—	315—	4, 377	15. 3	17. 15	18. 74	26. 87	34. 22	10, 800	144, 744	45. 3	45. 8	2	3
704—	647—	11, 982	10. 9	26. 04	26. 91	33. 77	41. 54	24, 840	541, 683	45. 3	44. 9	2	1
260—	261—	3, 520	12. 2	17. 28	18. 15	26. 54	34. 51	360	58, 203	46. 7	45. 7	6	3
303—	281—	3, 859	12. 4	13. 90	14. 84	22. 32	30. 68	5, 760	106, 163	46. 1	47. 1	5	7
79—	82—	947	5. 8	32. 70	33. 45	43. 85	53. 87		36, 488	46—	46. 9	5	6
1, 620—	1, 598—	23, 190	12. 7	19. 46	20. 76	28. 57	35. 86	45, 800	653, 007	47. 3	46. 6	9	5
344—	335—	5, 121	15. 4	17. 35	18. 92	26. 98	35. 61	2, 160	81, 837	44. 6	45. 1	2	2
3, 402—	3, 189—	46, 928	10. 6	15. 97	17. 03	23. 70	30. 65	247, 300	1, 182, 363	47. 5	46. 7	10	5
528—	490—	6, 478	N.A.	12. 65	14. 00	22. 74	30. 01	16, 920	101, 361	46. 9	45. 3	7	2
278—	253—	3, 877	6. 6	14. 67	15. 80	21. 21	28. 93	10, 800	55, 492	48. 5	48. 2	16	12
1, 843—	1, 594—	24, 872	12. 5	16. 70	17. 45	25. 11	31. 94	100, 440	345, 482	47. 5	46. 6	10	5
200—	178—	3, 044	15. 6	17. 34	19. 24	27. 91	39. 15	3, 600	140, 644	46. 2	45. 3	5	2
158—	138—	1, 983	8. 5	10. 65	11. 94	20. 44	27. 92			47. 7	47. 9	11	10
767—	736—	11, 239	11. 9	14. 01	14. 87	22. 70	29. 68	16, 920	128, 675	47. 1	48. 2	8	12
2, 456—	2, 255—	35, 149	7. 3	19. 34	20. 25	27. 63	34. 18	91, 800	1, 049, 565	47. 1	48. 8	8	19
763—	722—	10, 603	13. 9	16. 33	17. 15	21. 74	28. 33		187, 046	49. 3	49. 3	24	27
476—	488—	6, 830	6. 7	14. 07	14. 96	19. 23	26. 00	3, 600	66, 211	49. 3	49. 5	24	30
580—	537—	7, 880	9. 0	16. 19	16. 80	21. 92	28. 35	28, 800	91, 324	48. 2	49—	14	22
128—	142—	1, 755	1. 5	13. 31	14. 67	20. 02	24. 21	3, 600	79, 730	48—	46. 8	13	5
272—	183—	4, 460	5. 2	23. 25	23. 81	32. 05	38. 63	14, 400		46. 9	46. 5	7	4
463—	447—	5, 456	9. 2	19. 75	20. 68	28. 05	35. 31	9, 000	54, 873	47—	47. 1	7	7
2, 410—	2, 157—	33, 084	9. 6	13. 77	14. 67	21. 04	27. 15	76, 680	200, 890	48. 9	49. 1	20	24
1, 285—	944—	18, 954	8. 6	13. 41	13. 88	19. 65	24. 71	46, 800	293, 885	50. 6	51. 5	45	65
1, 044—	1, 023—	14, 946	6. 7	17. 35	18. 30	24. 78	30. 87		85, 922	49. 9	49. 2	33	25
304—	298—	4, 202	6. 5	12. 93	13. 47	19. 37	23. 58	14, 400	40, 024	47. 8	49. 6	12	32
374—	376—	5, 475	7. 1	2. 09	2. 40	4. 26	7. 49	10, 800		53. 5	53. 1	85	84
592—	576—	8, 566	5. 4	11. 80	12. 42	18. 57	23. 15	28, 800	31, 142	50. 7	51. 3	47	62
1, 585—	1, 410—	20, 108	3. 2	7. 34	7. 73	9. 90	13. 33	39, 600		53. 9	54. 2	88	92
341—	408—	5, 853	1. 6	4. 20	4. 45	5. 98	8. 46	34, 200	19, 041	56. 2	55—	97	95
419—	341—	4, 947	7. 2	8. 37	8. 73	14. 95	20. 68			49. 6	50. 3	29	44
1, 139—	1, 121—	15, 158	9. 6	11. 65	12. 50	18. 19	24. 78	59, 400	69, 046	48. 9	49. 4	20	29
1, 120—	1, 108—	16, 889	6. 6	8. 13	8. 73	13. 48	18. 83	79, 000		50. 7	51. 2	47	60
692—	733—	9, 294	7. 2	9. 15	9. 88	14. 54	19. 20	36, 000	14, 727	50. 4	49. 3	42	27
1, 421—	1, 575—	20, 093	8. 2	6. 03	6. 76	12. 11	17. 23	57, 600	37, 355	47. 6	48. 7	10	18
1, 011—	1, 022—	14, 739	3. 4	7. 11	7. 94	12. 82	19. 69	33, 120		50 1	49. 3	36	27

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Ranking	Percent minority	District name	Code No.	Community type	Region	Human resources—1970–71: Pupil ratio: Professional staff	Pupil ratio: Teacher	Teacher experience: Percent 5 years or more	Teacher experience: Average years	Percent teachers with masters degree	Percent teachers earning +$11,000	Average teachers salary	S e val
		Percent minority 4.5, Michigan Norms—State Level—4th grade				21. 5	23. 8	56—	9. 6	19. 3	23. 2	8, 907—	15,
		Percent minority 4.5, Michigan Norms—State Level—7th grade				21. 5	23. 9	56—	9. 6	20. 1	24. 2	9, 008—	15,
------	65	Detroit	82–010	Core	1	23. 8	27—	61—	11—	34—	58—	11, 174—	17,
------	90	Region 1	82–011			19. 9	23. 3	57—	N.A.	30—	54		
------	68	Region 2	82–012			24. 5	28—	58—	N.A.	32—	56		
------	60	Region 3	82–013			24. 9	28. 2	65—	N.A.	35—	61		
------	28	Region 4	82–014			24. 7	28. 1	73—	N.A.	42—	70		
------	94	Region 5	82–015			24. 7	27. 8	59	N.A.	30—	55		
------	53	Region 6	82–016			24. 8	27. 9	59	N.A.	36—	56		
------	35	Region 7	82–017			25. 5	29—	64—	N.A.	36—	60—		
------	90	Region 8	82–018			22. 7	25. 6	51—	N.A.	30—	48		
------	54	Region 9	82–019			20. 3	22. 4	69—	N.A.	46—	74		

CHART 4.—COMPARISON OF THE NINE REGIONS OF THE DETROIT PUBLIC SCHOOL SYSTEM

School financial resources—1969–70						January 1971, 4th and 7th grade distr									
						Student attitude measures—1970–71									
Average teachers salary	State equal valuation	Local revenue	State aid	K–12 expenses	Total operating expenses	Student socioeconomic status		Importance of school achievement		Self-perception		Attitude to school		Vocabulary	
						4th	7th	4th	7th	4th	7th	4th	7th	4th	7th
8, 907—	15, 466—	372—	326—	451—	639—	49. 6		49. 2		49. 6		50—		50. 7	
9, 008—	15, 180—	369—	329—	458—	648—		50. 1		49. 4		49. 5		50. 4		50. 5
11, 174—	17, 720—	419—	304—	481—	756—	45. 6	44. 7	52. 1	51. 3	50. 2	49—	49. 9	49. 5	44. 5	43. 5
														42. 2	39. 8
						42. 8	41. 1	51. 8	50. 1	49. 5	48. 4	50. 5	49. 5	43. 7	41. 7
						46. 5	45. 6	52. 3	51. 4	50. 7	49. 2	50. 4	49. 6	45. 3	44. 6
						49. 2	49. 1	51. 6	51. 2	51. 1	49. 6	48. 9	48. 7	48. 1	48. 9
						47. 4	46. 3	52. 5	52. 2	50. 4	49. 7	49. 1	48. 8	44. 4	43. 1
						N.A.								44. 6	43. 9
						46. 1	45. 7	52. 1	51. 2	50. 5	48. 3	49. 7	49. 3	46. 3	45. 7
						43—	40. 9	52. 4	52. 0	49. 4	48. 4	50. 7	51. 1	42. 4	40. 6
						42. 4	47. 6	47. 3	48. 5	51. 5	48. 4	50. 4	49. 5	40. 7	41. 4

istrict average scores and percentile ranks														
Student performance measures											Related information—1970–71			
	Reading		English expression		Mathematics		Composite achievement		Percentile ranks—1970–71		Number tested		District or school	
n	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	Size	Drop-outs
). 5	51. 1	50. 9	50. 7	50. 7	51. 1	51. 2	51. 0	51. 0	50	50			3, 541— 3, 701—	5. 1 5. 1
3. 5	44—	44. 4	44. 6	44—	43. 4	42. 6	44. 1	43. 9	0–5	0–5	20, 089—	19, 707—	293, 822	14. 9—
9. 8	41. 4	40. 7	42—	39. 7	41—	39. 2	41. 5	40. 1	0–5	0–5	2, 085—	2, 012—		
1. 7	42. 6	42. 4	43. 4	42. 4	42. 3	40. 9	42. 8	42. 1	0–5	0–5	3, 121—	2, 788—		
4. 6	45. 4	45. 6	45. 9	45. 2	44. 4	43. 4	45. 3	45—	0–5	0–5	2, 753—	2, 837—		
8. 9	48. 7	49. 8	49. 1	49. 4	48. 3	47. 6	48. 7	49—	15–20	15–20	2, 322—	2, 513—		
3. 1	44. 8	44. 4	45. 4	43. 9	43. 5	41. 6	44. 7	43. 5	0–5	0–5	2, 869—	2, 687—		
3. 9	43. 9	45—	44. 4	44. 8	43. 4	43. 6	44—	44. 6	0–5	0–5	2, 367—	2, 489—		
5. 7	46. 3	47. 1	46. 8	46. 6	45. 2	44. 8	46. 2	46. 3	0–5	0–5	1, 598—	1, 785—		
0. 6	40. 6	41. 2	41. 7	41—	40. 8	39. 7	41. 1	40. 8	0–5	0–5	2, 919—	2, 548—		
1. 4	40—	43. 2	40. 2	42—	40. 9	40. 5	40. 4	41. 9	0–5	0–5	55—	48—		

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Chart 5.—SCHOOL B

Percent minority	District name	Code No.	Community type	Region	Human resources—1970-71					Student economic
					Pupil ratio		Teacher experience		Percent teachers earning +$11,000	4th
					Professional staff	Teacher	Percent 5 years or more	Average years		
10	**Oak Park**	63-250	Urban	1						
8	Clinton Junior High	0726			14.8	22.8	59—	57—	59—	
7	Dewey Elementary	0910			14.2	20.7	94—	24—	82—	58.1
10	Einstein Elementary	1097			14.1	21.5	77—	42—	69—	58.1
11	Frost Junior High	1333			12.6	20.9	55—	45—	42—	
3	Key Elementary	2032			17.6	24.7	88—	38—	69—	59.9
6	Lessenger Elementary	2166			14.8	22.1	62—	23—	54—	47.8
3	Pepper Elementary	3006			15.1	20.8	92—	54—	83—	56.7
93	Carver	0547			9.7	15.2	73—	33—	60—	49.8
45	**Baldwin**	43-040	Rural	3						
46	Baldwin Elementary	5826			23.8	23.8	44—	6—	0—	41.4
44	Yates Junior High	5565			16.2	24.3	29—	0—	0—	
30	**Hamtramck**	82-060	Core	1						
34	Dickinson Elementary	0916			25—	25.7	85—	36—	79—	43.1
26	Holbrook	1689			19—	20.9	60—	20—	60—	40.5
30	Kosciuszko	2055			23.6	24.2	75—	19—	56—	40.4
40	**Westwood**	82-040	Urban	1						
18	Daly	0867			25.4	28.1	71—	43—	57—	45.5
49	Mokersky	2584			23.8	26—	57—	19—	52—	44.2
10	Thorne	4177			25.8	27.6	62—	20—	56—	45.9
90	McNair	2496			27.3	28.6	80—	32—	80—	45.6
69	**Covert**	80-040	Rural	2						
66	Covert Elem	0816			19.2	21.3	41—	9—	18—	42.4
74	Covert H.S	0817			14.2	15.6	13—	4—	13—	
57	**Ecorse**	82-250	Urban	1						
13	School One	3413			23.6	23.6	67—	56—	67—	47.1
19	School Three	3414			22.2	27.2	60—	30—	55—	46.7
6	School Two	3415			24.9	28.3	83—	50—	72—	45.2
100	Miller	0709			20.1	26.4	68—	42—	68—	46.6
80	Kennedy	1949			16.3	25.2	64—	44—	56—	47.5
100	Bunche	3144			19.5	21.2	64—	43—	57—	48.5
51	**Buena Vista**	73-080	Urban	2						
6	Brunkow	0479			27—	29.4	75—	8—	33—	45.2
35	Ricker Elementary	3195			21—	24.5	60—	20—	50—	47—
6	Kdeltzom	4193			28—	28—	69—	15—	54—	47.6
52	Ricker Junior High	3196			16.8	20.1	63—	26—	52—	
93	Highland Park	4058			19.6	20.9	50—	13—	38—	42.7
90	Claytor Elementary	5702			25.7	28.6	33—	0—	33—	44.7

HOOL BUILDINGS WITHIN SELECTED RACIALLY-IMPACTED DISTRICTS

January 1971, 4th and 7th grade district average scores and percentile ranks

Student attitude measures—1970–71								Student performance measures								
Student socio-economic status		Importance of school achievement		Selfperception		Attitude to school		Vocabulary		Reading		English expression		Mathematics		a
4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4
	54—		49. 3		53. 1		51. 2		54. 5		54. 3		55—		54. 4	
58. 1		55. 9		55. 4		56. 9		61. 3		57. 8		60. 9		58. 9		
58. 1		49. 2		52. 3		50. 8		58. 4		55. 4		56. 4		57. 5		
	54. 5		49. 7		53. 6		49. 9		54—		53. 8		53. 1		54. 1	
59. 9		51. 2		54. 7		50. 5		59. 6		55. 5		57. 1		56. 8		
47. 8		44. 8		51. 6		53. 5		56. 7		54. 1		52. 8		53. 5		
56. 7		51. 5		53—		52. 6		59. 2		57. 1		57. 1		58. 2		
49. 8		51. 0		49. 9		51. 5		51. 7		50. 3		50. 7		46. 9		
41. 4		52. 3		51. 6		47. 5		41. 1		40. 2		42. 3		40. 7		
	45. 6		49. 4		50—		49. 2		46. 6		46. 1		46. 1		43. 7	
43. 1	40. 7	52. 2	49. 3	52. 9	48. 6	50. 9	52. 8	47. 9	42. 5	48. 1	42. 6	47. 6	42. 9	48—	42. 3	
40. 5		49. 8		47. 8		51. 1		43. 6		42. 6		40. 5		44. 1		
40. 4	39. 3	50. 9	48. 1	49. 7	47. 4	48. 2	50. 8	46. 8	43. 9	47. 8	45. 1	47. 5	44—	48. 5	43. 8	
45. 5	47. 4	51. 4	51—	48. 7	51. 1	52. 5	47. 6	47. 2	43. 8	50. 4	44. 3	49. 2	44—	52. 1	43. 1	
44. 2		53. 2		49. 2		48. 8		45. 9		46. 2		46. 2		45. 4		
45. 9	45. 6	46. 3	49. 8	51. 3	48. 8	50. 1	48—	47. 6	44. 3	49—	44. 5	49. 8	44. 5	50. 2	43. 6	
45. 6		52. 1		48. 4		50. 5		41. 9		43. 1		42—		42. 2		
42. 4		50. 9		48. 1		50. 2		43. 5		43. 4		43. 2		42. 9		
	43—		50. 9		46. 2		50. 4		43. 4		46. 9		44—		43. 3	
47. 1		54. 3		48—		49. 8		45. 4		45. 1		46. 8		47. 3		
46. 7	44. 3	52. 1	49. 5	49. 6	48. 1	53. 1	48. 9	47. 3	47—	48—	45. 5	51. 2	47. 2	52. 3	46. 4	
45. 2	43. 1	52. 4	51. 6	48. 2	48. 3	52. 7	58. 5	48—	48. 5	46. 1	50—	46. 2	51. 2	47. 5	48. 9	
46. 6	45—	55. 5	53. 1	50. 5	48	53. 9	52. 9	50. 4	42. 8	46. 4	44. 7	47. 3	44. 3	47. 1	44. 3	
47. 5	46—	53. 8	51. 7	47. 7	48. 8	51. 2	50. 8	46. 3	42. 9	45. 6	44. 8	47. 2	43. 2	47. 5	42. 6	
48. 5		55. 5		51. 8		53. 6		43. 1		43. 9		44. 8		44. 3		
45. 2		47. 8		45. 5		49. 2		51. 5		53. 2		52. 3		50. 8		
47—		57. 7		53. 4		49. 5		44. 9		46. 1		45. 2		46—		
47. 6		49. 1		54. 1		52—		51. 4		51. 3		50. 8		51. 9		
	45. 5		53. 5		46. 4		50. 4		43. 9		44. 7		44. 9		45. 1	
42. 7		49. 8		50. 5		54. 1		41. 9		45. 1		42. 9		42. 5		
44. 7		53. 1		49. 1		51. 6		43. 9		45. 6		44—		43. 6		

ED DISTRICTS

district average scores and percentile ranks													
Student performance measures									Percentile ranks, 1970–71		Related information, 1970–71		
abulary		Reading		English expression		Mathematics		Composite achievement			Number tested		District or school size
	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	
	54. 5		54. 3		55–		54. 4		54. 6		90–95		232–	798–
3		57. 8		60. 9		58. 9		59. 1		95+		52–		331–
		55. 4		56. 4		57. 5		56. 5		95+		71–		452–
	54–		53. 8		53. 1		54. 1		53. 6		85–90		176–	605–
3		55. 5		57. 1		56. 8		56. 6		95+		60–		518–
2		54. 1		52. 8		53. 5		53. 4		80–85		37–		221–
2		57. 1		57. 1		58. 2		57. 5		95+		86–		415–
7		50. 3		50. 7		46. 9		49. 3		20–25		35–		167–
1		40. 2		42. 3		40. 7		41. 1		0–5		79–		345–
	46. 6		46. 1		46. 1		43. 7		45. 3		0–5		82	146–
9	42. 5	48. 1	42. 6	47. 6	42. 9	48–	42. 3	47. 9	42. 6	10–15	0–5	79–	90–	746–
6		42. 6		40. 5		44. 1		42. 7		0–5		46–		188–
8	43. 9	47. 8	45. 1	47. 5	44–	48. 5	43. 8	48–	44. 5	10–15	0–5	75–	88–	703–
2	43. 8	50. 4	44. 3	49. 2	44–	52. 1	43. 1	50. 4	43. 9	35–40	0–5	38–	80–	366–
9		46. 2		46. 2		45. 4		45. 8		0–5		97–		416
6	44. 3	49–	44. 5	49. 8	44. 5	50. 2	43. 6	49. 8	44. 2	30	0–5	130–	255	1, 133–
9		43. 1		42–		42. 2		42. 5		0–5		79–		573–
5		43. 4		43. 2		42. 9		43. 3		0–5		67–		394–
	43. 4		46. 9		44–		43. 3		44. 8		0–5		56	327–
4		45. 1		46. 8		47. 3		46. 4		0–5		28–		189–
3	47–	48–	45. 5	51. 2	47. 2	52. 3	46. 4	50. 6	46. 4	40–45	0–5	58–	80–	489–
–	48. 5	46. 1	50–	46. 2	51. 2	47. 5	48. 9	46. 6	50–	0–5	25–30	53–	55–	424–
4	42. 8	46. 4	44. 7	47. 3	44. 3	47. 1	44. 3	46. 9	44. 5	5–10	0–5	54–	46–	423–
3	42. 9	45. 6	44. 8	47. 2	43. 2	47. 5	42. 6	46. 8	43. 5	5–10	0–5	75–	134–	605–
1		43. 9		44. 8		44. 3		44. 3		0–5		40–		254–
5		53. 2		52. 3		50. 8		52. 1		65–70		42–		324–
9		46. 1		45. 2		46–		45. 8		0–5		24–		147–
4		51. 3		50. 8		51. 9		51. 3		55		56–		336–
	43. 9		44. 7		44. 9		45. 1		44. 9		0–5		261	503–
9		45. 1		42. 9		42. 5		43. 5		0–5		48		313–
9		45. 6		44–		43. 6		44. 4		0–5		90		257–

Chart 5.—SCHOOL BUILDIN

Percent minority	District name	Code No.	Community type	Region	Human resources—1970–71					Student so economic s	
					Pupil ratio		Teacher experience		Percent teachers earning +$11,000		
					Professional staff	Teacher	Percent 5 years or more	Average years		4th	
36	**Beecher**	25–240	Urban	2							
7	Buick Elementary				23. 8	23. 8	92—	33—	75—	43. 4	
37	Beecher Junior High				21. 3	21. 3	35—	14—	16—		
9	Buell Elementary				25. 3	26. 7	91—	45—	77—	39. 4	
40	Dailey Elementary				21. 1	26. 3	41—	10—	15—	46. 3	
42	Klein Elementary				23. 2	26. 3	50—	25—	25—	45. 6	
44	Kurtz Elementary				23. 5	23. 5	60—	0—	40—	42. 7	
12	North Gate Elementary				23. 8	23. 8	67—	17—	61—	45. 7	
36	Dolan Junior High				20. 3	23—	24—	18—	13—		
57	Zink Elementary				19. 4	23. 8	15—	0—	8—	47—	
83	Messer Elementary				16. 0	16. 8	50—	0—	29—	42. 7	
61	Harrow Elementary				18. 6	20. 3	58—	0—	17—	44. 1	
12	**Ferndale**	63–020	Urban	1							
1	Jackson	0096			21. 9	24. 3	46—	23—	54—	53. 8	
2	Coolidge	0502			22. 3	25. 1	41—	36—	32—	51. 4	
2	Washington Elementary	1392			20. 9	26. 5	42—	17—	33—	52. 2	
6	Harding	1568			20. 3	24. 8	67—	25—	58—	44. 2	
8	Lincoln Junior High	2204			19. 2	21. 5	56—	44—	53—		
0	Best	2979			18. 8	26—	56—	44—	56—	56. 4	
0	Roosevelt	4155			21. 5	27. 3	68—	32—	52—	58. 8	
2	Jefferson	4164			21. 2	26. 1	43—	29—	43—	47. 4	
3	Taft	4539			19. 8	26. 3	50—	27—	45—	50. 7	
1	Wilson	4590			20. 9	25. 8	42—	32—	47—	47. 2	
100	Grant	4241			14. 6	16. 2	55—	20—	65—	44. 7	
88	**Inkster**	82–080	Urban	1							
30	Brake Elementary	0382			25. 3	27. 5	45—	45—	27—	45. 8	
100	Woodson Elementary	0544			26. 9	29. 6	71—	29—	41—	43. 1	
100	Carver Elementary	0545			23—	24. 3	58—	21—	58—	44. 8	
100	Douglass Elementary	0945			24. 5	26. 6	71—	64—	57—	45. 1	
94	Fellrath Middle School	1216			23. 8	25. 9	61—	52—	48—		
98	Frazier Elem. (ungraded)	1309			29. 6	29. 6	78—	56—	67—	49. 3	
59	Parkwood	2964			27. 1	29. 8	91—	18—	45—	38. 8	
86	**Highland Park**	82–070	Core	1							
93	Cortland Elem. (ungraded)	0805			21. 9	24. 4	74—	33—	59—	44. 7	
96	Ferris Middle School	1223			17. 9	22. 2	56—	33—	33—		
94	Willard	1290			17. 6	18. 6	77—	29—	58—	35. 8	
76	Henry Ford Middle School	1633			17. 3	20. 9	81—	32—	61—		
93	Liberty	2178			19. 6	27. 4	43—	33—	33—	46—	
52	Midland Elementary	2554			24. 4	25. 8	59—	24—	47—	44. 9	
81	Barber	3228			20—	23. 1	52—	39—	45—	47—	

OOL BUILDINGS WITHIN SELECTED RACIALLY-IMPACTED DISTRICTS—Continued

rcent hers ning 1,000	January 1971, 4th and 7th grade district average scores and percentile ranks															
	Student attitude measures—1970–71								Student performance measures							
	Student socio-economic status		Importance of school achievement		Selfperception		Attitude to school		Vocabulary		Reading		English expression		Mathematic	
	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7t
75—	43. 4		51. 8		49. 7		48. 3		51. 5		50—		49. 5		49—	
16—		40. 9		51. 9		46. 1		50. 5		43. 6		43. 8		44. 9		4
77—	39. 4		47. 3		50. 1		50—		48. 9		47—		47. 5		45. 7	
15—	46. 3		49. 1		49. 4		50. 8		46. 9		46. 5		46. 1		46. 3	
25—	45. 6		50. 7		48. 2		49. 3		49. 3		50. 2		49. 8		46. 8	
40—	42. 7		57. 2		55. 7		58. 2		44. 1		46. 3		44—		44. 3	
61—	45. 7		49. 2		49. 6		53. 6		49. 2		49. 4		50. 7		49. 9	
13—		43. 9		49. 9		48. 5		48. 5		45. 5		46. 7		45. 7		4
8—	47—		50. 5		50. 1		49. 1		46. 1		49. 6		49. 6		48. 2	
29—	42. 7		51. 6		48. 5		49. 5		44. 1		44. 7		41. 5		43. 1	
17—	44. 1		52. 7		54. 6		50. 6		42. 7		44. 4		44—		43. 5	
54—	53. 8		48. 8		52. 1		45. 9		51. 8		51—		50—		52. 9	
32—	51. 4		49. 7		51. 7		49. 9		49—		49. 6		49. 8		50—	
33—	52. 2		4886		48. 2		51. 2		46. 2		44. 8		46. 2		46. 7	
58—	44. 2		45. 9		46. 5		49. 9		46. 9		45. 9		45. 4		43. 9	
53—		51. 2		50. 4		51. 3		48. 1		52. 1		51. 6		51. 7		5
56—	56. 4		50. 5		54. 3		53—		54. 4		54. 7		55. 3		54. 8	
52—	58. 8		50. 4		51. 4		50. 8		55. 3		55. 5		56—		56. 7	
43—	47. 4		51. 4		52. 2		46. 1		49. 4		48. 3		47. 9		49. 8	
45—	50. 7		50. 8		51. 1		52. 9		49. 9		49. 8		50—		49. 6	
47—	47. 2		49. 3		50. 6		46. 3		47. 7		46. 6		45. 9		45. 7	
65—	44. 7		54—		51—		51. 4		43—		40. 6		41. 4		42. 2	
27—	45. 8		52. 6		49. 3		54. 5		44. 9		46. 0		46. 2		48. 2	
41—	43. 1		52. 4		50. 5		55. 7		42. 5		42. 6		43. 1		43. 3	
58—	44. 8		52. 3		48. 6		52. 7		42. 8		40. 7		43. 9		41. 1	
57—	45. 1		53. 3		52. 2		52. 4		42. 1		41. 5		42. 2		42. 8	
48—		42. 2		52. 8		47. 2		52. 5		39. 7		41. 4		41. 5		4
67—	49. 3		56. 4		47. 7		51. 1		44. 2		42. 9		44. 3		43. 7	
45—	38. 8		47. 5		45. 3		50. 8		42—		42. 8		42. 8		43. 1	
59—	44. 7		51. 3		50. 1		50. 2		45. 3		44. 6		44. 6		44. 8	
33—		41. 4		50. 3		48. 6		48. 4		43. 2		44. 2		42. 5		4
58—	35. 8		41. 5		51. 9		53. 6		42. 1		40. 7		38. 8		38. 9	
61—		41. 4		48. 1		48. 9		48. 3		43. 6		43. 2		43. 4		4
33—	46—		51. 6		50. 7		51—		41. 2		40. 2		40. 8		40—	
47—	44. 9		52. 1		51. 1		50. 1		44. 5		43. 2		44. 3		44—	
45—	47—	47. 6	53. 6	52. 6	50. 3	49. 3	48. 9	50. 6	43. 4	44. 7	43. 3	44. 8	43. 1	43. 7	42. 7	4

ED DISTRICTS—Continued

rade district average scores and percentile ranks										Percentile ranks, 1970–71		Related information, 1970–71		
Student performance measures												Number tested		District or school size
Vocabulary		Reading		English expression		Mathematics		Composite achievement						
4th	7th	4th	7th	4th	7th	4th	7th	4th	7t	4th	7th	4th	7th	
51. 5		50—		49. 5		49—		49. 5		25		30—		214—
	43. 6		43. 8		44. 9		44. 3		44. 4		0–5		246—	735—
48. 9		47—		47. 5		45. 7		46. 7		5		82—		481—
46. 9		46. 5		46. 1		46. 3		46. 3		0–5		131—		867—
49. 3		50. 2		49. 8		46. 8		49—		15–20		66—		395—
44. 1		46. 3		44—		44. 3		44. 9		0–5		23—		94—
49. 2		49. 4		50. 7		49. 9		49. 8		30		57—		404—
	45. 5		46. 7		45. 7		47. 4		46. 6		0–5		244—	820—
46. 1		49. 6		49. 6		48. 2		49. 1		20		54—		310—
44. 1		44. 7		41. 5		43. 1		43. 2		0–5		62—		352—
42. 7		44. 4		44—		43. 5		44—		0–5		23—		223—
51. 8		51—		50—		52. 9		51. 4		55–60		44—		267—
49—		49. 6		49. 8		50—		49. 8		30		69—		402—
46. 2		44. 8		46. 2		46. 7		45. 9		0–5		46—		292—
46. 9		45. 9		45. 4		43. 9		45. 5		0–5		26—		223—
	52. 1		51. 6		51. 7		50. 5		51. 3		55		576—	1, 207—
54. 4		54. 7		55. 3		54. 8		54. 9		90–95		60		338—
55. 3		55. 5		56—		56. 7		56. 1		95+		114—		601—
49. 4		48. 3		47. 9		49. 8		48. 7		15–20		58—		339—
49. 9		49. 8		50—		49. 6		49. 9		30–35		60—		395—
47. 7		46. 6		45. 9		45. 7		46. 1		0–5		71—		439—
43—		40. 6		41. 4		42. 2		41. 4		0–5		44—		292—
44. 9		46. 0		46. 2		48. 2		46. 8		5–10		32—		303—
42. 5		42. 6		43. 1		43. 3		43. 0		0–5		61—		444—
42. 8		40. 7		43. 9		41. 1		41. 8		0–5		85—		461—
42. 1		41. 5		42. 2		42. 8		42. 1		0–5		53—		319—
	39. 7		41. 4		41. 5		40. 2		41. 1		0–5		248—	571—
44. 2		42. 9		44. 3		43. 7		43. 6		0–5		42—		266—
42—		42. 8		42. 8		43. 1		42. 9		0–5		54—		298—
45. 3		44. 6		44. 6		44. 8		45—		0–5		101—		586—
	43. 2		44. 2		42. 5		41—		42. 9		0–5		162—	555—
42. 1		40. 7		38. 8		38. 9		39. 6		0–5		112—		863—
	43. 6		43. 2		43. 4		41. 6		42. 9		0–5		241—	605—
41. 2		40. 2		40. 8		40—		40. 6		0–5		98—		685—
44. 5		43. 2		44. 3		44—		43. 8		0–5		67—		412—
43. 4	44. 7	43. 3	44. 8	43. 1	43. 7	42. 7	42. 9	43—	43. 8	0–5	0–5	125—	112—	739—

69-828 O - 72 - pt. 19-A (In Envelope) Chart No. 5-2

Chart 5.—SCHOOL BUILDINGS

Percent minority	District name	Code No.	Community type	Region	Human resources—1970–71					Student socio-economic status	
					Pupil ratio		Teacher experience		Percent teachers earning +$11,000		
					Professional staff	Teacher	Percent 5 years or more	Average years		4th	7th
76	**Muskegon Heights**	61–020	Core	2	25—	25—	71—	14—	86—	45. 6	
36	Edgewood Elementary	1074			25. 9	27. 3	92—	42—	83—	43. 9	
17	Roosevelt	4154			23. 4	26—	80—	10—	70—	43. 7	
10	Glendale Elementary	5120			21. 4	23. 4	47—	13—	27—	44. 9	
99	Central Elementary	0592			23. 0	25. 9	33—	0—	11—	45. 7	
99	Lindbergh	0640			24. 4	26. 6	50—	33—	50—	42. 1	
92	Loftis	0987			21. 5	23. 9	59—	14—	41—	42. 3	
100	King	1030			19. 8	22. 8	53—	13—	33—		42.
81	Muskegon Heights Junior High School.	2653									
38	**Pontiac**	63–030	Core	1	25. 1	26. 6	50—	20—	40—	44. 4	
11	Alcott	0045			22. 4	24. 6	55—	41—	55—	44—	
12	Baldwin	0182			26. 4	27. 7	68—	24—	60—	47. 1	
12	Emerson	1139			22. 5	24. 5	64—	21—	64—	50. 5	
4	Hawthorne	1612			24. 4	27. 2	47—	20—	47—	48. 9	
41	Herrington	1662			19. 7	23. 5	40—	26—	38—		46.
23	Madison Junior High	1880			19. 1	22. 9	58—	34—	53—		47.
3	Kennedy Junior High	1943			26. 3	28. 2	50—	30—	45—	45. 8	
9	Le Baron	2144			20. 9	25. 9	68—	47—	59—		43
12	Lincoln Junior High	2206			25. 7	27. 3	67—	28—	56—	47. 4	
2	Malkim	2331			27. 6	30. 3	54—	8—	50—	46—	
47	Mark Twain	2384			29. 8	31. 4	60—	10—	40—	47—	
10	McCarroll	2457			26. 6	28. 1	70—	25—	65—	45—	
5	Owen	2922			19. 6	22. 8	53—	26—	42—		51.
29	Washington Junior High	4364			23. 8	28. 6	100—	33—	83—	60. 3	
2	Irving	4380			27. 5	28. 6	78—	22—	78—	52. 5	
5	Webster	4423			25. 7	27—	82—	9—	64—	46—	
2	Wever	4493			24. 3	25. 5	81—	38—	67—	55—	
1	Whitfield	4512			27. 2	28. 3	77—	23—	62—	50. 9	
1	Rogers	4532			28. 3	30. 3	58—	17—	58—	48—	
7	Willis	4548			21—	24—	83—	44—	89—	42. 8	
14	Wisner	4570			25. 2	26. 6	45—	20—	35—	41. 4	
19	Whitman Elementary	5752			25. 1	26. 6	41—	24—	41—	45. 6	
50	Crofoot	0834			25. 3	27—	61—	39—	61—	43. 8	
100	Bagley	0169			24. 6	26. 5	71—	50—	64—	47. 8	
97	Franklin	0275			20. 1	23—	63—	13—	56—	40. 4	
99	Bethune	0313			20. 3	24—	21—	13—	21—		41.
85	Eastern Junior High	1046			16. 4	20. 7	48—	16—	32—		39.
100	Jefferson Junior High	1904			27. 8	29. 4	58—	21—	53—	43. 8	
55	Longfellow	2260			27. 8	30. 7	57—	17—	43—	45—	
97	McConnell	2459			27. 6	29—	52—	33—	48—	46. 6	
74	Frost	3235			24. 2	25. 9	67—	27—	67—	45—	
99	Whittier Elementary	4517			28. 9	31. 1	69—	25—	50—	40. 9	
98	Wilson Elementary	4553									

rt 5.—SCHOOL BUILDINGS WITHIN SELECTED RACIALLY-IMPACTED DISTRICTS—Continued

0–71		January 1971, 4t and 7th grade district average scores and percentile ranks														
		Student attitude measures—1970–71								Student performance measur						
rience	Percent teachers earning +$11,000	Student socio-economic status		Importance of school achievement		Selfperception		Attitude to school		Vocabulary		Reading		English expression		
erage ears		4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4
14—	86—	45. 6		49—		46. 3		50. 3		43. 9		43—		44. 5		
42—	83—	43. 9		50. 7		49—		48. 8		47. 3		48—		47. 4		
10—	70—	43. 7		47. 5		46. 8		53. 4		47. 5		47. 5		45. 7		
13—	27—	44. 9		52—		48. 6		41. 8		41. 8		40. 4		40. 7		
0—	11—	45. 7		50. 1		46. 7		49. 9		41. 9		42—		42. 5		
33—	50—	42. 1		48. 7		45. 5		49. 6		43. 6		46. 5		43. 4		
14—	41—	42. 3		53. 5		50. 4		51. 2		44. 2		44. 8		44. 2		
13—	33—		42. 7		53. 2		49—		52. 6		40. 3		41. 6		41. 8	
20—	40—	44. 4		50. 7		45. 9		48. 9		45. 4		49. 2		47. 8		
41—	55—	44—		53—		50. 1		51. 5		46. 6		47—		46. 1		
24—	60—	47. 1		49. 6		49. 5		49. 5		47. 5		48—		45—		
21—	64—	50. 5		41. 1		50. 8		49. 7		49. 6		49. 5		49. 2		
20—	47—	48. 9		50. 2		52. 3		50. 5		46. 6		45. 4		43. 4		
26—	38—		46. 4		51—		48. 4		49. 3		49—		48. 8		47. 8	
34—	53—		47. 3		49. 1		50. 5		49. 8		47. 9		47. 5		47. 1	
30—	45—	45. 8		51. 9		43. 9		49. 4		52. 0		50. 5		51. 8		
47—	59—		43—		49. 8		48. 1		50. 5		47. 6		47. 9		46. 7	
28—	56—	47. 4		48—		46. 8		52. 6		49. 4		51. 8		49. 6		
8—	50—	46—		53. 3		49. 6		49—		44. 7		46. 2		44. 9		
10—	40—	47—		52. 9		49. 1		53. 7		47. 7		47. 9		46. 1		
25—	65—	45—		48. 7		48. 4		49. 3		45. 7		45. 5		46. 1		
26—	42—		51. 2		52. 6		49. 2		51. 5		50. 3		51. 6		50. 3	
33—	83—	60. 3		50—		55. 5		51. 4		56—		54. 8		52. 3		
22—	78—	52. 5		52—		51. 2		51. 6		53. 2		53. 3		53—		
9—	64—	46—		50. 7		51. 2		52. 4		46. 1		46. 7		45. 7		
38—	67—	55—		51. 9		49. 6		51. 9		54. 6		53. 6		52. 7		
23—	62—	50. 9		52. 7		49. 2		47. 5		48. 1		48. 6		47. 7		
17—	58—	48—		53. 7		47. 8		51. 4		48. 2		49. 1		48. 1		
44—	89—	42. 8		50. 9		46. 4		52. 1		50. 7		51. 5		50. 4		
20—	35—	41. 4		50—		49. 1		50. 3		43. 3		44. 2		42. 8		
24—	41—	45. 6		53. 5		51. 7		46. 3		44. 6		44. 6		44. 3		
39—	61—	43. 8		53. 6		52. 3		47. 4		41. 9		41—		41. 4		
50—	64—	47. 8		54. 1		51. 9		50. 8		43. 5		44. 2		45. 3		
13—	56—	40. 4		52. 5		49. 1		51. 7		41. 7		41. 6		46. 8		
13—	21—		41. 8		52. 6		47. 8		51. 2		41. 1		41. 8		41. 8	
16—	32—		39. 8		52. 3		50. 7		52. 2		42—		44. 1		44. 1	
21—	53—	43. 8		53. 8		50. 4		50. 8		45. 7		46. 7		45. 6		
17—	43—	45—		51. 7		50. 5		51. 1		41. 6		40. 6		41. 2		
33—	48—	46. 6		53. 6		52. 2		49. 7		42. 7		42. 4		42. 1		
27—	67—	45—		52. 7		50. 1		49. 2		39. 7		42. 6		40. 1		
25—	50—	40. 9		49. 4		47. 1		50. 3		42. 8		43. 0		44. 8		

TED DISTRICTS—Continued

grade district average scores and percentile ranks															
Student performance measures											Percentile ranks, 1970–71		Related information, 1970–71		
Vocabulary		Reading		English expression		Mathematics		Composite achievement				Number tested		District or school size
4th	7th	4th	7th	4th	7th	4th	7th	4th	7t			4th	7th	
43. 9		43—		44. 5		45—		44. 1		0–5		21		150—
47. 3		48—		47. 4		48. 4		47. 9		10–15		44		246—
47. 5		47. 5		45. 7		48—		48—		10–15		32		234—
41. 8		40. 4		40. 7		40. 6		40. 7		0–5		37		257—
41. 9		42—		42. 5		41. 7		42—		0–5		73		414—
43. 6		46. 5		43. 4		42. 2		44. 4		0–5		32		293—
44. 2		44. 8		44. 2		42. 1		43. 7		0–5		72		430—
	40. 3		41. 6		41. 8		41. 4		41. 7		0–5		267	594—
45. 4		49. 2		47. 8		50. 1		49—		15–20		65—		426—
46. 6		47—		46. 1		46. 6		46. 6		0–5		76—		492—
47. 5		48—		45—		47—		46. 7		5		102—		582—
49. 6		49. 5		49. 2		48. 7		49. 1		20		44—		270—
46. 6		45. 4		43. 4		43. 6		44. 8		0–5		69—		463—
	49—		48. 8		47. 8		47—		48. —		5–10		350—	1, 103—
	47. 9		47. 5		47. 1		47. 6		47. 4		5–10		270—	823—
52. 0		50. 5		51. 8		50. 2		50. 7		40–45		67—		395—
	47. 6		47. 9		46. 7		46—		47.		5		261	878—
49. 4		51. 8		49. 6		51. 1		50. 9		45–50		60—		437—
44. 7		46. 2		44. 9		44. 9		45. 4		0–5		81—		636—
47. 7		47. 9		46. 1		49. 9		48—		10–15		52—		298—
45. 7		45. 5		46. 1		45. 9		45. 9		0–5		89—		505—
	50. 3		51. 6		50. 3		50. 7		51—		50		303	975—
56—		54. 8		52. 3		54—		53. 6		85–90		24—		143
53. 2		53. 3		53—		54. 3		53. 7		85–90		112—		716—
46. 1		46. 7		45. 7		45—		45. 8		0–5		48—		270—
54. 6		53. 6		52. 7		53. 4		53. 2		80–85		95—		485—
48. 1		48. 6		47. 7		49. 3		48. 6		15–20		43—		340—
48. 2		49. 1		48. 1		47. 2		48. 2		10–15		36—		212—
50. 7		51. 5		50. 4		52. 2		51. 4		55–60		52—		336—
43. 3		44. 2		42. 8		43. 5		43. 5		0–5		71—		453—
44. 6		44. 6		44. 3		45. 7		45—		0–5		68—		426—
41. 9		41—		41. 4		41. 3		41. 3		0–5		62—		405—
43. 5		44. 2		45. 3		44. 8		44. 7		0–5		68—		344—
41. 7		41. 6		46. 8		45. 2		44. 5		0–5		53—		322—
	41. 1		41. 8		41. 8		40. 7		41. 5		0–5		272	936—
	42—		44. 1		44. 1		45. 6		44. 6		0–5		138—	477—
45. 7		46. 7		45. 6		45. 8		46—		0–5		122—		500—
41. 6		40. 6		41. 2		40. 6		40. 9		0–5		83—		583—
42. 7		42. 4		42. 1		42. 9		42. 7		0–5		79—		552—
39. 7		42. 6		40. 1		40—		40. 9		0–5		58—		363—
42. 8		43. 0		44. 8		42. 8		43. 7		0–5		64—		404—

Chart 5.—SCHOOL BUILDIN

Percent minority	District name	Code No.	Community type	Region	Human resources—1970–71						
					Pupil ratio		Teacher experience		Percent teachers earning +$11,000	Student so economic st	
					Professional staff	Teacher	Percent 5 years or more	Average years		4th	
44	**River Rouge**	82–120	Urban	1							
2	Visger Elementary	0105			28. 9	28. 9	69—	50—	75—	45. 8	
8	Dunn Elementary	0970			23. 7	24. 9	71—	29—	71—	43. 4	
100	Northrup	2765			21—	21—	85—	58—	85—	44. 3	
100	White	4347			17. 4	18. 3	95—	58—	95—	43—	
54	**Benton Harbor**	11–010	City	2							
4	Eaman (closed)	0996			15. 3	17. 3	100—	0—	0—		
46	Fair Plain Jr. H.S	1180			17. 8	20. 4	71—	35—	58—		
3	Fair Plain West	1181			24. 2	25. 4	93—	13—	80—	49. 1	
29	Fair Plain Northeast	1182			22. 2	24. 9	100—	0—	80—	49. 6	
3	Fair Plain Northwest	1183			27. 2	29—	100—	0—	100—	57. 3	
15	Fair Plain East	1184			22. 7	22. 7	73—	20—	67—	54. 0	
42	Hull	1792			17. 8	21. 6	74—	37—	44—	43. 2	
13	Johnson	1968			21. 9	22. 8	73—	27—	45—	45. 6	
6	Martin Dale	2405			24. 5	26. 3	75—	25—	25—	43. 6	
12	Millburg	2563			23. 5	25. 3	67—	33—	67—	40. 3	
12	North Shore	2747			20. 6	21. 8	80—	20—	80—	47. 7	
9	Pearl School	2987			27—	28. 6	58—	33—	25—	44. 5	
7	Sorter	3502			21. 8	22. 6	84—	18—	55—	44—	
39	Sodus Elementary	5715			23. 3	23. 3	50—	0—	25—	46. 8	
99	Bard	0202			19. 8	21. 7	52—	12—	32	38. 3	
92	Benton Harbor Jr. High	0285			14. 8	17. 1	54—	23—	31—		
82	Boynton	0373			21. 2	21. 2	73—	33—	67—	40. 6	
89	Britain	0500			26—	27. 2	65—	17—	30—	37. 2	
69	Columbus	0760			26. 3	27. 9	88—	13—	88—	46—	
98	Morton	1629			24. 9	26—	48—	9—	22—	45—	
95	McCord	3435			21. 1	23—	58—	13—	42—	41—	
64	Brunson	4070			24. 4	25. 7	76—	5—	52—	43. 9	

rt 5.—SCHOOL BUILDINGS WITHIN SELECTED RACIALLY-IMPACTED DISTRICTS—Continued

0–71		January 1971, 4th and 7th grade district average scores and percentile ranks														
		Student attitude measures—1970–71								Student performance measur						
rience	Percent teachers earning +$11,000	Student socio-economic status		Importance of school achievement		Selfperception		Attitude to school		Vocabulary		Reading		English expression		
erage ears		4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	4th	7th	
50—	75—	45. 8	47. 3	53. 6	52. 6	50. 3	48. 5	50. 8	49. 6	47. 7	50. 1	48. 5	48. 9	48. 5	50. 1	
29—	71—	43. 4	44. 5	51. 9	52. 6	48. 2	44. 8	46. 1	51. 4	57. 5	48. 1	49. 8	49. 3	51. 4	48. 6	
58—	85—	44. 3	44. 2	55. 7	55—	50. 2	49. 1	48. 8	55. 6	42. 9	43. 5	40. 8	46. 4	43. 5	48. 0	
58—	95—	43—	-------	49. 8	-------	48. 2	-------	52—	-------	45. 7	-------	42. 1	-------	43. 5	-------	
0—	0—	-------	48. 6	-------	51. 1	-------	51. 2	-------	48. 5	-------	50—	-------	48. 1	-------	50. 1	
35—	58—	-------	44. 8	-------	50. 5	-------	50. 1	-------	48. 5	-------	45. 9	-------	46. 8	-------	46. 9	
13—	80—	49. 1	-------	47. 6	-------	49. 5	-------	52. 8	-------	55. 2	-------	52. 9	-------	54. 6	-------	
0—	80—	49. 6	-------	52. 7	-------	50. 8	-------	47. 1	-------	48. 6	-------	46. 1	-------	46. 9	-------	
0—	100—	57. 3	-------	49. 9	-------	46. 9	-------	54. 5	-------	56. 3	-------	57—	-------	57. 3	-------	
20—	67—	54. 0	-------	50. 1	-------	51—	-------	49. 6	-------	53. 4	-------	54. 3	-------	53. 9	-------	
37—	44—	43. 2	40. 9	48. 2	51. 1	48. 2	48. 9	47—	50. 1	41. 8	43. 7	41. 9	43. 7	39. 9	44. 1	
27—	45—	45. 6	-------	44. 4	-------	46. 3	-------	51. 3	-------	51. 2	-------	52. 4	-------	50. 9	-------	
25—	25—	43. 6	-------	51. 9	-------	48. 6	-------	49. 2	-------	43. 7	-------	45. 8	-------	44. 7	-------	
33—	67—	40. 3	-------	47. 8	-------	50. 3	-------	48. 7	-------	47. 0	-------	48. 3	-------	48. 3	-------	
20—	80—	47. 7	-------	48. 3	-------	47. 1	-------	52. 6	-------	49. 4	-------	51. 7	-------	51. 1	-------	
33—	25—	44. 5	-------	52. 2	-------	48. 6	-------	47. 7	-------	49. 6	-------	48. 4	-------	48. 6	-------	
18—	55—	44—	45. 2	46—	51. 2	47. 3	45. 5	44. 6	50. 1	46. 4	45. 7	46—	47. 2	43. 7	46. 6	
0—	25—	46. 8	-------	52. 8	-------	49. 7	-------	50. 9	-------	53. 2	-------	51. 4	-------	51. 5	-------	
12—	32	38. 3	-------	51. 9	-------	44. 9	-------	50. 3	-------	41. 3	-------	40. 2	-------	38. 6	-------	
23—	31—	-------	39. 7	-------	51. 4	-------	45. 5	-------	51. 4	-------	38. 7	-------	39—	-------	39. 6	
33—	67—	40. 6	-------	53. 8	-------	48—	-------	50. 6	-------	46. 8	-------	44. 7	-------	45. 2	-------	
17—	30—	37. 2	-------	46. 9	-------	50. 6	-------	49. 9	-------	43. 1	-------	38. 6	-------	37. 6	-------	
13—	88—	46—	-------	46. 8	-------	47. 9	-------	50. 5	-------	42. 7	-------	41. 4	-------	41. 6	-------	
9—	22—	45—	-------	51. 1	-------	49. 7	-------	50. 9	-------	41. 1	-------	39. 7	-------	39. 6	-------	
13—	42—	41—	-------	51. 2	-------	50. 1	-------	53. 4	-------	41. 5	-------	38. 8	-------	39. 2	-------	
5—	52—	43. 9	-------	51. 4	-------	50. 2	-------	50. 7	-------	45—	-------	46. 1	-------	46. 1	-------	

D DISTRICTS—Continued

ade district average scores and percentile ranks										Percentile ranks, 1970–71		Related information, 1970–71		
Student performance measures												Number tested		District or school size
Vocabulary		Reading		English expression		Mathematics		Composite achievement						
4th	7th	4th	7th	4th	7th	4th	7th	4th	7t	4th	7th	4th	7th	
47. 7	50. 1	48. 5	48. 9	48. 5	50. 1	50. 3	48. 7	49. 1	49. 3	20	20–25	101—	99—	780—
57. 5	48. 1	49. 8	49. 3	51. 4	48. 6	53. 1	50—	51. 4	49. 3	55–60	20–25	69—	62—	522—
42. 9	43. 5	40. 8	46. 4	43. 5	48. 0	42. 2	43. 7	42. 3	46—	0–5	0–5	65—	120—	503
45. 7	-------	42. 1	-------	43. 5	-------	42. 5	-------	42. 9	-------	0–5	-------	68—	-------	330
-------	50—	-------	48. 1	-------	50. 1	-------	48. 9	-------	49—	-------	15–20	-------	38—	69—
-------	45. 9	-------	46. 8	-------	46. 9	-------	47. 3	-------	47. 7	-------	5–10	-------	194—	562—
55. 2	-------	52. 9	-------	54. 6	-------	55. 1	-------	54. 2	-------	90	-------	49—	-------	305—
48. 6	-------	46. 1	-------	46. 9	-------	45. 2	-------	46—	-------	0–5	-------	28—	-------	224—
56. 3	-------	57—	-------	57. 3	-------	55. 6	-------	57—	-------	95+	-------	29—	-------	174—
53. 4	-------	54. 3	-------	53. 9	-------	53. 3	-------	53. 8	-------	85–90	-------	50—	-------	272—
41. 8	43. 7	41. 9	43. 7	39. 9	44. 1	42. 1	45. 4	41. 4	44. 4	0–5	0–5	45—	122—	539—
51. 2	-------	52. 4	-------	50. 9	-------	50. 3	-------	51. 1	-------	50–55	-------	27—	-------	182—
43. 7	-------	45. 8	-------	44. 7	-------	43—	-------	44. 5	-------	0–5	-------	33—	-------	184—
47. 0	-------	48. 3	-------	48. 3	-------	49—	-------	48. 5	-------	15	-------	6—	-------	101—
49. 4	-------	51. 7	-------	51. 1	-------	53. 3	-------	52. 2	-------	70	-------	33—	-------	109—
49. 6	-------	48. 4	-------	48. 6	-------	50. 6	-------	49. 1	-------	20	-------	26—	-------	143—
46. 4	45. 7	46—	47. 2	43. 7	46. 6	47. 1	48. 3	46—	47. 6	0–5	5–10	42—	70—	461—
53. 2	-------	51. 4	-------	51. 5	-------	49. 1	-------	50. 7	-------	40–45	-------	21—	-------	93—
41. 3	-------	40. 2	-------	38. 6	-------	40. 2	-------	39. 7	-------	0–5	-------	47—	-------	455—
-------	38. 7	-------	39—	-------	39. 6	-------	39. 1	-------	39. 2	-------	0. 5	223—	-------	667—
46. 8	-------	44. 7	-------	45. 2	-------	41. 9	-------	44. 1	-------	0–5	-------	25—	-------	254—
43. 1	-------	38. 6	-------	37. 6	-------	39. 6	-------	38. 7	-------	0–5	-------	56—	-------	572—
42. 7	-------	41. 4	-------	41. 6	-------	40. 8	-------	40. 9	-------	0–5	-------	22—	-------	195—
41. 1	-------	39. 7	-------	39. 6	-------	40. 5	-------	40—	-------	0–5	-------	49—	-------	547—
41. 5	-------	38. 8	-------	39. 2	-------	38. 9	-------	39—	-------	0–5	-------	70—	-------	506—
45—	-------	46. 1	-------	46. 1	-------	46. 3	-------	46. 2	-------	0–5	-------	82—	-------	488—

69-828 O - 72 - pt. 19-A (In Envelope) Chart No. 5-1

SCHOOL NORMS

GRADE 4

MICHIGAN

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	28.8	31.3	94	50	79	95	58.0	53.8	53.8	53.9	56.9	56.1	56.4	56.9	56.4	712
90	27.7	30.1	85	41	71	41	55.5	52.8	52.9	53.1	55.3	55.0	55.2	55.4	55.0	602
85	26.8	29.4	80	37	65	18	54.1	52.3	52.2	52.5	54.3	54.2	54.3	54.5	54.2	539
80	26.2	28.8	76	33	60	10	53.1	51.9	51.8	52.0	53.5	53.6	53.6	53.9	53.6	500
75	25.6	28.2	73	30	56	6	52.4	51.5	51.4	51.6	52.9	53.1	53.0	53.3	53.1	468
70	25.1	27.8	70	28	53	4	51.7	51.2	51.1	51.3	52.2	52.7	52.5	52.7	52.6	441
65	24.6	27.3	67	25	50	3	51.3	50.9	50.8	51.0	51.8	52.2	52.0	52.2	52.1	416
60	24.2	26.8	65	23	46	3	50.7	50.6	50.4	50.8	51.3	51.8	51.5	51.8	51.7	390
55	23.8	26.5	62	20	43	2	50.3	50.2	50.1	50.4	50.9	51.4	51.1	51.3	51.3	367
50	23.3	26.1	60	18	39	2	49.9	49.9	49.9	50.1	50.5	51.0	50.6	50.9	50.8	345
45	22.7	25.7	57	16	36	1	49.4	49.7	49.7	49.8	50.0	50.6	50.1	50.4	50.4	326
40	22.3	25.3	55	15	32	1	48.9	49.3	49.4	49.5	49.6	50.1	49.7	50.0	49.9	306
35	21.8	24.9	52	13	28	1	48.4	49.1	49.2	49.1	49.2	49.6	49.2	49.5	49.5	283
30	21.2	24.3	50	11	23	1	48.0	48.8	48.8	48.8	48.7	49.0	48.7	48.8	48.9	259
25	20.7	23.7	46	9	18	1	47.3	48.3	48.5	48.5	48.0	48.3	48.1	48.1	48.4	232
20	20.1	23.0	43	7	13	0	46.5	47.9	48.1	48.0	47.2	47.5	47.3	47.3	47.6	202
15	19.2	22.2	38	0	6	0	45.6	47.5	47.7	47.5	46.1	46.2	46.1	46.0	46.3	169
10	18.2	21.1	33	0	0	0	44.3	46.7	47.2	47.0	44.5	44.6	44.4	44.2	44.5	140
5	16.6	19.7	27	0	0	0	42.6	45.5	46.3	46.0	42.6	42.0	42.3	41.7	42.2	90
MEAN	23.1	25.9	59.5	20.5	38.2	12.0	49.9	49.9	50.0	50.0	50.3	50.4	50.3	50.4	50.4	368
STANDARD DEVIATION	4.0	3.9	20.3	15.4	25.0	25.7	4.5	2.5	2.3	2.5	4.1	4.1	4.1	4.4	4.1	206
NUMBER OF SCHOOLS	2524	2524	2529	2529	2529	2528	2427	2427	2427	2427	2492	2492	2492	2492	2492	2524

SCHOOL NORMS

GRADE 4

I. METROPOLITAN CORE CITIES

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	28.8	32.1	89	50	84	100	57.3	54.3	53.7	53.3	55.9	55.2	55.2	55.1	54.8	1045
90	28.0	31.3	85	44	77	99	54.7	53.7	52.7	52.6	53.7	53.7	54.0	53.7	53.7	822
85	27.5	30.8	80	41	72	98	53.0	53.3	52.2	52.0	52.2	52.7	53.0	52.9	52.9	713
80	27.0	30.3	78	39	69	96	51.6	52.8	51.7	51.6	51.2	51.9	52.1	51.9	52.0	643
75	26.5	29.8	75	37	66	89	50.7	52.6	51.4	51.4	50.6	51.1	51.2	51.1	51.1	581
70	26.2	29.5	72	35	62	68	49.9	52.2	51.1	51.1	50.0	50.4	50.3	50.2	50.3	535
65	25.7	29.1	69	33	60	52	49.2	52.1	50.8	50.8	49.0	49.4	49.4	49.3	49.3	494
60	25.1	28.7	67	31	58	38	48.3	51.8	50.6	50.5	48.1	48.6	48.6	48.4	48.6	461
55	24.7	28.1	65	28	56	26	47.5	51.4	50.4	50.3	47.6	47.8	47.9	47.7	48.0	435
50	24.3	27.4	62	26	53	19	46.7	51.1	50.1	49.9	46.7	46.9	47.3	46.6	46.9	412
45	23.8	27.0	60	24	50	15	46.0	50.7	49.8	49.6	45.7	46.0	45.9	45.6	45.8	389
40	23.1	26.4	59	22	48	11	45.4	50.3	49.6	49.3	45.0	45.1	45.1	44.8	45.1	363
35	22.3	26.0	57	21	45	9	44.9	50.0	49.3	49.1	44.3	44.3	44.4	44.0	44.2	341
30	21.6	25.4	54	19	43	7	44.1	49.6	49.0	48.8	43.7	43.3	43.9	43.2	43.6	313
25	20.8	24.6	51	17	40	5	43.6	49.3	48.6	48.6	43.2	42.7	43.3	42.4	43.0	287
20	19.8	23.9	49	15	37	3	42.9	48.8	48.2	48.2	42.6	42.1	42.5	41.6	42.2	264
15	18.6	22.8	45	12	34	2	42.0	48.4	47.9	47.6	42.0	41.0	41.8	40.8	41.3	243
10	17.4	21.7	40	9	29	1	41.1	47.7	47.5	47.2	41.6	40.2	40.7	40.1	40.6	207
5	14.8	19.9	34	4	18	1	40.0	46.4	46.7	46.3	40.7	38.7	39.6	39.3	39.4	164
MEAN	23.3	27.0	62.7	26.9	52.8	39.6	47.4	50.8	50.1	49.9	47.1	46.9	47.2	46.8	47.0	476
STANDARD DEVIATION	4.4	4.2	16.9	13.9	18.8	39.2	5.2	2.4	2.2	2.3	4.8	5.1	4.9	5.2	5.0	273
NUMBER OF SCHOOLS	539	539	543	543	543	543	490	490	490	490	543	543	543	543	543	539

GRADE 4

II. CITIES

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	28.3	29.8	100	46	78	64	57.9	53.1	53.9	54.3	57.8	56.9	57.3	57.6	57.2	541
90	27.0	28.9	90	40	72	32	55.6	52.6	53.2	53.8	56.4	55.9	56.1	56.5	56.0	494
85	26.2	28.4	86	37	66	23	54.4	52.0	52.4	53.2	55.6	55.1	55.3	55.7	55.3	456
80	25.7	27.7	83	33	62	13	53.5	51.7	52.0	52.8	55.1	54.7	54.6	54.9	54.6	429
75	25.1	27.1	80	30	57	9	52.5	51.3	51.7	52.1	54.4	54.1	54.0	54.5	54.2	397
70	24.7	26.7	77	28	53	6	51.8	51.1	51.3	51.8	53.8	53.6	53.5	53.8	53.6	370
65	24.2	26.2	75	26	50	5	51.2	50.7	51.0	51.5	53.2	53.3	52.9	53.1	53.1	349
60	23.8	25.9	72	25	47	3	50.8	50.4	50.7	51.1	52.8	52.7	52.4	52.6	52.7	328
55	23.4	25.7	70	22	45	3	50.3	50.2	50.3	50.8	52.0	52.3	52.0	52.1	52.1	309
50	23.0	25.4	66	20	43	2	49.9	50.0	49.9	50.6	51.5	51.7	51.4	51.7	51.6	292
45	22.6	25.1	63	18	40	2	49.5	49.6	49.7	50.4	50.9	51.2	50.7	51.2	51.1	278
40	22.2	24.5	60	17	37	1	48.9	49.2	49.3	50.1	50.0	50.6	49.9	50.5	50.2	256
35	21.9	23.9	57	15	34	1	48.3	48.7	49.0	49.7	49.5	49.9	49.4	50.2	49.8	234
30	21.1	23.5	55	13	32	1	47.9	48.1	48.5	49.4	49.1	49.4	48.9	49.4	49.3	221
25	20.7	23.0	52	11	28	1	47.6	47.7	48.1	48.8	48.8	49.0	48.5	48.9	48.7	206
20	20.1	22.6	50	10	25	0	46.9	47.1	47.9	48.3	47.9	48.2	47.7	48.1	48.4	175
15	19.5	21.7	47	8	21	0	45.7	46.7	47.3	47.6	47.2	47.1	46.9	47.0	47.5	162
10	18.7	21.2	42	5	15	0	44.5	46.2	46.7	47.1	46.3	46.1	45.9	45.5	46.0	144
5	17.4	20.0	33	0	12	0	41.8	44.7	45.8	46.4	44.5	44.6	43.7	43.1	44.0	97
MEAN	22.9	25.1	66.0	22.2	43.0	10.6	49.9	49.5	49.9	50.5	51.5	51.3	51.0	51.3	51.2	304
STANDARD DEVIATION	3.4	3.2	18.6	15.0	20.9	20.4	4.6	2.6	2.5	2.6	4.2	3.9	4.3	4.3	4.1	135
NUMBER OF SCHOOLS	224	224	224	224	224	224	223	223	223	223	224	224	224	224	224	224

SCHOOL NORMS

GRADE 4

III. TOWNS

	SCHOOL RESOURCES					STUDENT BACKGROUND		SCHOOL/STUDENT PERFORMANCE								SCHOOL OR DISTRICT SIZE
	HUMAN RESOURCES							ATTITUDE MEASURES (SCHOOL MEANS)			BASIC SKILLS MEASURES (SCHOOL MEANS)					
PERCENTILE DISTRIBUTION	(1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	(15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	(18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	(24) NUMBER OF STUDENTS IN SCHOOL
95	29.0	31.3	88	43	66	14	54.8	52.7	53.8	54.3	55.5	56.0	55.7	56.6	55.8	645
90	28.1	30.1	83	34	57	8	53.2	51.9	52.5	53.3	54.3	54.8	54.6	55.3	54.6	546
85	27.1	29.3	78	30	54	5	52.6	51.6	51.8	52.6	53.8	54.3	54.1	54.5	54.1	499
80	26.4	28.6	75	26	50	4	52.1	51.1	51.4	52.3	53.2	53.8	53.6	53.9	53.6	469
75	26.0	28.3	72	23	46	3	51.7	50.6	51.0	52.0	52.7	53.5	53.0	53.6	53.3	429
70	25.3	28.0	69	20	43	3	51.2	50.2	50.6	51.6	52.5	53.1	52.7	53.0	53.0	401
65	25.0	27.4	66	19	39	2	50.8	49.9	50.3	51.2	52.1	52.8	52.3	52.6	52.6	373
60	24.6	27.0	63	17	36	2	50.5	49.7	50.1	50.9	51.7	52.4	51.8	52.3	52.2	353
55	24.3	26.7	60	16	33	2	50.2	49.5	49.9	50.7	51.4	52.0	51.4	52.0	51.8	335
50	24.0	26.3	57	14	29	1	49.9	49.2	49.6	50.2	51.1	51.7	51.0	51.7	51.5	312
45	23.7	26.1	55	13	27	1	49.5	49.0	49.4	49.9	50.8	51.4	50.7	51.4	51.2	291
40	23.1	25.8	53	11	23	1	49.3	48.8	49.2	49.7	50.4	51.1	50.4	51.0	50.9	259
35	22.5	25.4	50	10	21	1	49.0	48.4	48.9	49.3	50.1	50.6	50.0	50.5	50.5	233
30	22.2	25.0	48	8	17	1	48.7	48.1	48.6	48.9	49.7	50.3	49.6	50.1	50.0	208
25	21.6	24.5	45	6	14	0	48.4	47.8	48.2	48.6	49.3	50.0	49.2	49.7	49.7	183
20	21.0	24.0	42	0	10	0	48.1	47.3	48.0	48.1	49.0	49.6	48.9	49.2	49.4	168
15	20.1	23.4	37	0	6	0	47.6	46.8	47.3	47.5	48.5	49.2	48.4	48.6	49.0	151
10	19.6	22.4	34	0	0	0	46.9	46.0	46.8	46.9	47.7	48.4	48.0	47.8	48.5	127
5	18.0	20.5	25	0	0	0	45.7	44.9	46.1	45.4	46.5	46.7	46.5	46.4	46.4	83
MEAN	23.8	26.4	57.6	16.0	30.4	3.4	50.0	49.1	49.6	50.2	51.1	51.6	51.1	51.6	51.5	326
STANDARD DEVIATION	3.5	3.6	19.9	13.3	20.7	7.2	2.8	2.5	2.4	2.7	2.8	2.7	2.9	3.1	2.8	174
NUMBER OF SCHOOLS	378	378	378	378	378	378	371	371	371	371	376	376	376	376	376	378

SCHOOL NORMS

GRADE 4

IV. URBAN FRINGE

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	28.5	30.6	92	52	84	13	60.5	53.8	54.1	53.7	57.8	56.7	57.3	57.8	57.0	651
90	26.7	29.4	84	46	75	4	58.4	52.8	53.2	52.9	56.5	55.6	55.9	56.4	55.9	582
85	25.7	28.7	78	40	70	3	56.6	52.3	52.6	52.3	55.5	54.8	55.1	55.3	55.0	541
80	25.1	28.1	75	37	65	3	55.4	51.9	52.2	51.8	54.7	54.2	54.4	54.6	54.3	516
75	24.5	27.6	71	33	60	2	54.5	51.6	51.8	51.5	54.1	53.6	53.9	54.1	53.7	482
70	23.9	27.3	67	31	57	2	53.8	51.3	51.5	51.2	53.4	53.1	53.4	53.6	53.3	459
65	23.6	26.8	64	29	55	1	53.2	51.0	51.2	50.9	53.0	52.8	52.9	53.1	52.9	440
60	23.1	26.5	62	27	52	1	52.6	50.8	50.9	50.6	52.3	52.4	52.4	52.7	52.4	421
55	22.7	26.1	60	25	50	1	52.0	50.6	50.6	50.4	51.8	52.0	52.0	52.2	52.0	400
50	22.3	25.8	57	23	46	1	51.6	50.3	50.3	50.0	51.4	51.6	51.6	51.8	51.7	380
45	21.9	25.4	55	21	43	1	51.2	50.0	50.0	49.7	51.0	51.3	51.3	51.3	51.3	364
40	21.6	25.0	53	20	40	1	50.6	49.8	49.8	49.4	50.7	50.9	50.8	50.8	51.0	345
35	21.1	24.5	50	18	37	1	50.0	49.5	49.5	49.1	50.2	50.5	50.5	50.3	50.6	329
30	20.6	24.0	46	16	33	1	49.4	49.2	49.2	48.7	49.8	50.1	49.9	49.9	50.1	315
25	20.1	23.5	43	14	30	0	48.7	48.9	48.9	48.4	49.3	49.5	49.5	49.5	49.5	296
20	19.6	22.7	40	12	25	0	48.1	48.5	48.5	48.1	48.8	48.9	48.8	48.8	48.9	273
15	18.8	22.0	35	9	20	0	47.4	48.0	48.2	47.6	48.1	48.1	47.9	48.0	48.3	247
10	18.0	21.0	32	6	16	0	46.3	47.6	47.7	47.1	47.1	47.2	47.2	47.1	47.3	213
5	16.6	19.8	25	0	9	0	44.9	46.5	47.0	46.2	45.9	45.8	46.0	45.7	46.3	163
MEAN	22.4	25.6	57.3	24.7	45.7	4.1	51.9	50.2	50.4	50.0	51.7	51.5	51.6	51.7	51.6	395
STANDARD DEVIATION	3.9	3.7	19.8	15.3	22.5	13.7	4.5	2.2	2.2	2.3	3.7	3.3	3.4	3.6	3.3	152
NUMBER OF SCHOOLS	836	836	836	836	836	836	833	833	833	833	839	839	839	839	839	836

SCHOOL NORMS

GRADE 4 — V. RURAL

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) PERCENT TEACHERS WITH MASTERS DEGREE	(5) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	29.7	31.0	100	31	57	13	53.2	53.2	53.4	54.4	55.1	55.5	56.0	56.2	55.6	602
90	28.0	29.7	100	25	47	8	52.5	52.2	52.3	53.5	53.7	54.0	54.1	54.5	54.3	511
85	27.1	28.8	84	21	39	6	51.6	51.4	51.7	53.0	53.0	53.6	53.1	53.8	53.4	469
80	26.7	28.2	77	18	32	4	51.3	50.9	51.2	52.3	52.2	53.1	52.6	53.1	52.8	432
75	26.0	27.8	72	16	27	3	50.9	50.6	50.7	51.8	51.9	52.7	52.1	52.5	52.4	390
70	25.5	27.3	69	15	20	3	50.6	50.3	50.4	51.4	51.6	52.4	51.7	52.0	52.0	357
65	25.0	26.9	66	13	16	2	50.3	50.0	50.0	51.1	51.2	52.1	51.2	51.6	51.6	332
60	24.6	26.5	64	11	13	2	50.0	49.6	49.8	50.7	50.8	51.7	50.9	51.2	51.2	314
55	24.1	26.2	60	10	9	1	49.7	49.4	49.7	50.4	50.5	51.3	50.5	51.0	50.9	284
50	23.8	25.7	57	8	6	1	49.3	49.1	49.5	50.1	50.1	51.0	50.2	50.8	50.5	263
45	23.3	25.3	56	6	0	1	48.9	48.9	49.2	49.8	49.9	50.6	49.9	50.6	50.3	236
40	22.7	24.8	53	5	0	1	48.6	48.7	49.0	49.3	49.6	50.2	49.5	50.2	50.0	200
35	22.3	24.2	50	0	0	1	48.3	48.3	48.7	49.0	49.3	49.9	49.3	49.8	49.8	175
30	21.7	23.7	48	0	0	0	48.0	48.0	48.4	48.6	49.0	49.5	48.9	49.4	49.5	154
25	21.2	23.0	44	0	0	0	47.5	47.7	48.0	48.1	48.6	49.0	48.7	48.9	49.1	135
20	20.6	22.3	39	0	0	0	47.0	47.2	47.6	47.7	48.1	48.5	48.1	48.5	48.5	108
15	19.9	21.3	34	0	0	0	46.4	46.4	47.2	47.2	47.6	47.9	47.5	48.0	48.0	85
10	18.6	20.1	29	0	0	0	45.4	45.6	46.7	46.4	46.9	47.2	46.6	46.9	47.3	46
5	16.8	18.0	18	0	0	0	44.3	44.6	45.0	44.9	45.9	46.1	45.5	46.1	46.0	25
MEAN	23.6	25.3	58.2	10.3	15.5	3.2	49.2	49.1	49.4	49.9	50.3	50.8	50.3	50.9	50.7	277
STANDARD DEVIATION	4.2	4.2	23.7	12.1	20.2	6.7	2.7	2.7	2.4	2.9	2.9	3.0	3.1	3.1	2.8	185
NUMBER OF SCHOOLS	547	547	548	548	548	547	510	510	510	510	510	510	510	510	510	547

DISTRICT NORMS

GRADE 4

MICHIGAN

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL-PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	SCHOOL FINANCIAL RESOURCES: (8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	STUDENT BACKGROUND (13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (DISTRICT MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (DISTRICT MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	DROPOUT RATE (23) SCHOOL DROPOUT RATE (1968-69)	SCHOOL OR DISTRICT SIZE (25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	26.0	28.0	100	14	43	57	10846	31790	756	444	605	893	22	54.3	52.1	52.5	53.5	55.6	55.4	56.0	56.4	55.7	10.2	10847	95
90	24.7	27.0	75	13	36	52	10306	23845	606	425	571	802	10	52.9	51.4	51.7	52.5	54.1	54.2	54.1	54.4	54.2	8.4	6720	90
85	23.9	26.6	71	12	33	47	9996	21514	503	411	537	758	7	52.2	51.0	51.2	51.9	53.3	53.7	53.4	53.8	53.5	7.5	5134	85
80	23.5	26.1	68	12	29	43	9785	19092	470	398	512	718	5	51.6	50.7	50.9	51.5	52.7	53.1	52.8	53.2	52.9	7.0	4115	80
75	23.1	25.7	65	11	26	39	9626	17412	432	389	494	695	3	51.2	50.5	50.7	51.3	52.2	52.8	52.4	52.8	52.6	6.6	3427	75
70	22.7	25.3	63	11	25	35	9472	16248	409	376	480	674	3	50.7	50.3	50.5	51.0	51.8	52.5	52.0	52.4	52.2	6.3	2784	70
65	22.3	24.9	61	10	23	32	9308	15138	386	363	469	654	2	50.4	50.0	50.3	50.8	51.4	52.2	51.6	52.0	51.9	5.9	2390	65
60	22.1	24.6	60	10	21	29	9203	14380	364	351	459	641	2	50.2	49.9	50.0	50.6	51.2	51.9	51.3	51.7	51.6	5.6	2106	60
55	21.8	24.3	58	10	20	25	9103	13368	343	340	450	633	1	49.8	49.6	49.8	50.3	50.8	51.6	51.1	51.4	51.3	5.2	1913	55
50	21.5	24.0	56	9	18	22	8988	12787	328	331	440	626	1	49.6	49.4	49.7	50.1	50.5	51.3	50.8	51.1	51.0	4.9	1694	50
45	21.3	23.7	54	9	17	16	8861	12337	310	323	435	615	1	49.3	49.1	49.5	49.9	50.3	51.0	50.4	50.7	50.8	4.4	1458	45
40	20.9	23.3	52	9	16	12	8742	11585	291	314	426	604	1	49.0	48.9	49.4	49.7	49.9	50.7	50.1	50.4	50.5	4.2	1252	40
35	20.6	23.1	50	8	14	10	8613	11165	280	307	420	592	1	48.6	48.7	49.1	49.5	49.7	50.3	49.7	50.1	50.1	3.8	1108	35
30	20.2	22.6	48	8	13	7	8461	10561	261	298	412	582	1	48.3	48.5	48.9	49.2	49.5	49.9	49.4	49.7	49.8	3.5	863	30
25	19.8	22.2	45	7	11	4	8291	9984	248	285	404	573	0	48.0	48.2	48.7	49.0	49.2	49.7	49.1	49.3	49.5	3.2	696	25
20	19.4	21.7	43	7	9	0	8142	9334	235	270	393	561	0	47.6	47.9	48.3	48.6	48.8	49.1	48.8	48.8	49.1	2.8	520	20
15	18.8	21.0	41	7	6	0	7901	8794	220	251	380	545	0	47.1	47.4	48.0	48.1	48.1	48.5	48.2	48.4	48.5	2.4	292	15
10	18.1	20.0	37	6	0	0	7309	8062	203	216	357	516	0	46.4	46.6	47.5	47.6	47.1	47.7	47.4	47.6	47.8	2.0	132	10
5	16.6	18.0	28	5	0	0	6394	7114	173	166	292	410	0	45.0	45.5	46.7	46.5	46.4	46.6	46.3	46.3	46.7	1.3	36	5
MEAN	21.5	23.8	56.0	9.6	19.3	23.2	8907	15466	372	326	451	639	4.5	49.6	49.2	49.6	50.0	50.7	51.1	50.7	51.1	51.0	5.1	3541	MEAN
STANDARD DEVIATION	3.2	3.4	18.3	3.5	12.9	19.9	1324	12544	197	86	93	139	10.4	2.8	2.2	2.0	2.2	2.8	2.7	2.9	2.9	2.7	2.8	12696	STANDARD DEVIATION
NUMBER OF DISTRICTS	612	612	612	590	612	612	607	611	611	603	610	611	612	574	574	574	574	577	577	577	577	577	507	611	NUMBER OF DISTRICTS

DISTRICT NORMS

GRADE 4

I. METROPOLITAN CORE CITIES

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	SCHOOL FINANCIAL RESOURCES: (8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	STUDENT BACKGROUND: (13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (DISTRICT MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (DISTRICT MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	DROPOUT RATE (23) SCHOOL DROPOUT RATE (1968-69)	SCHOOL OR DISTRICT SIZE (25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	24.3	27.1	77	13	53	70	11390	36750	899	397	754	1005	86	55.5	52.1	52.6	51.3	54.7	54.0	53.5	53.5	53.7	15.5	110955	95
90	23.8	27.0	75	12	46	64	11320	25600	815	323	656	926	76	50.3	51.8	50.8	50.8	49.9	50.1	49.9	50.5	50.2	15.0	46950	90
85	23.1	26.9	73	12	38	62	11170	23050	666	312	612	896	65	49.7	51.7	50.7	50.6	49.5	49.9	49.4	48.7	49.4	14.0	35163	85
80	22.3	25.9	69	12	38	60	11060	22300	608	312	606	895	43	49.4	51.2	50.7	50.5	49.4	49.0	49.0	48.4	49.0	12.9	33125	80
75	22.3	25.9	68	12	37	60	11030	22150	604	311	604	894	42	49.4	51.2	50.7	50.5	49.4	49.0	49.0	48.4	49.0	12.7	33088	75
70	22.2	25.4	66	11	36	60	10880	21000	590	310	602	893	42	48.9	51.2	50.2	50.3	49.4	48.3	48.6	48.4	48.3	12.6	24850	70
65	22.1	24.6	65	11	35	58	10690	20450	582	309	597	879	38	47.2	50.7	50.2	50.3	48.2	47.8	47.8	48.4	47.8	11.8	23213	65
60	21.3	24.6	63	11	34	55	10660	19100	580	306	591	872	31	47.0	50.6	50.1	50.2	47.9	47.7	47.7	48.0	47.8	10.7	20125	60
55	21.3	24.6	62	11	34	54	10630	19025	578	304	589	869	30	47.0	50.6	50.1	50.2	47.9	47.7	47.7	48.0	47.8	10.5	20088	55
50	21.1	24.3	61	11	34	53	10480	18950	565	300	584	862	28	46.5	50.6	50.0	50.0	47.1	46.9	47.4	47.6	47.7	9.6	18950	50
45	20.2	23.7	60	10	33	52	10250	18875	561	299	582	859	26	46.2	49.9	49.8	50.0	46.9	46.9	47.1	47.3	47.3	9.7	16913	45
40	19.9	23.6	59	10	32	47	10180	18800	533	299	576	848	26	46.1	49.7	49.7	49.9	46.5	46.8	46.9	47.2	46.7	8.6	14975	40
35	19.9	23.6	59	10	31	47	10165	18725	529	298	574	845	25	46.1	49.7	49.7	49.9	46.5	46.8	46.9	47.2	46.7	8.5	14938	35
30	19.4	22.9	59	10	31	47	10150	17800	480	293	572	810	19	45.9	49.5	49.7	49.5	46.5	46.7	46.3	46.8	46.7	7.4	11250	30
25	19.0	22.7	57	9	31	43	10130	17650	476	273	513	760	18	45.6	49.3	49.4	49.4	46.4	46.4	45.8	46.8	46.7	7.2	10613	25
20	18.7	21.8	57	9	31	42	9220	16900	423	267	510	758	17	44.0	49.2	49.4	49.2	44.5	44.4	44.6	43.5	44.1	6.9	8275	20
15	18.7	21.8	56	9	30	42	9190	16750	419	265	508	757	16	44.0	49.2	49.4	49.2	44.5	44.4	44.6	43.5	44.1	6.7	8238	15
10	17.5	21.7	56	9	23	41	9000	16000	370	206	482	710	11	43.7	49.1	48.8	49.1	44.1	44.0	43.9	43.4	44.0	6.6	4250	10
5	17.4	20.3	53	8	19	33	7970	11450	241	114	456	679	6	41.5	49.0	47.9	46.9	43.2	42.3	42.1	41.9	42.3	3.2	3063	5
MEAN	20.8	24.2	63.2	10.5	34.1	52.2	10298	20260	558	288	579	842	35.1	47.2	50.4	50.0	49.9	47.6	47.4	47.3	47.4	47.4	10.0	37687	MEAN
STANDARD DEVIATION	2.1	2.0	7.1	1.4	7.9	9.9	921	5422	157	60	70	83	22.8	3.2	1.0	1.0	1.0	2.7	2.7	2.6	2.8	2.6	3.4	69437	STANDARD DEVIATION
NUMBER OF DISTRICTS	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	NUMBER OF DISTRICTS

DISTRICT NORMS

II. CITIES

GRADE 4

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL-INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	SCHOOL RESOURCES: SCHOOL FINANCIAL RESOURCES (8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	STUDENT BACKGROUND (13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (DISTRICT MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (DISTRICT MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	DROPOUT RATE (23) SCHOOL DROPOUT RATE (1968-69)	SCHOOL OR DISTRICT SIZE (25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	23.6	25.7	74	14	45	59	10692	22060	591	381	576	879	34	55.2	51.1	51.6	52.9	55.9	55.4	56.4	56.4	56.0	9.7	12565	95
90	23.1	25.7	73	13	44	54	10644	21620	580	359	572	770	22	54.6	50.8	51.5	51.4	55.7	55.2	55.5	55.6	55.3	9.0	12005	90
85	23.0	25.5	71	12	43	54	10436	20980	504	341	554	767	22	53.2	50.6	51.3	51.4	54.9	55.1	55.1	55.0	55.3	7.6	9545	85
80	22.8	25.4	70	12	38	53	10148	20740	473	335	548	764	13	52.4	50.4	50.9	51.2	54.3	54.1	53.6	53.9	53.9	7.1	9285	80
75	22.0	24.9	68	12	37	49	10120	19700	462	333	546	748	10	51.9	50.3	50.8	50.9	53.7	52.7	53.0	53.5	53.0	7.0	8375	75
70	21.9	24.3	67	12	36	48	10092	17860	456	327	543	746	8	51.2	50.1	50.7	50.9	52.9	52.5	52.5	53.2	53.0	6.7	7915	70
65	21.8	24.3	66	11	35	48	10004	16620	432	323	536	734	7	50.5	50.0	50.4	50.8	52.4	52.4	52.1	53.0	52.6	6.6	6855	65
60	21.5	24.2	64	11	32	46	9956	16180	429	320	530	722	5	50.3	49.9	50.3	50.7	52.4	52.0	52.0	53.0	52.1	6.5	6695	60
55	21.4	24.2	63	11	31	46	9908	14740	419	318	517	713	4	50.1	49.9	50.0	50.6	51.9	51.9	51.4	52.3	51.5	5.9	6485	55
50	21.2	23.9	62	10	30	45	9820	14100	398	317	498	708	3	50.0	49.6	49.7	50.5	51.3	51.4	50.4	51.6	51.1	5.6	6125	50
45	21.1	23.7	61	10	30	45	9692	13480	396	312	489	703	2	49.9	49.5	49.4	50.5	50.9	51.2	50.4	50.6	50.8	5.6	5465	45
40	20.9	23.6	61	10	29	44	9644	13360	394	308	485	686	2	49.5	49.4	49.3	50.4	50.4	51.1	50.3	50.6	50.8	5.2	5005	40
35	20.6	23.2	60	10	28	43	9396	13240	380	300	483	682	1	49.4	49.3	49.2	50.3	50.1	51.0	50.0	50.2	50.7	5.0	4795	35
30	20.4	23.2	59	10	26	40	9348	13120	349	298	481	677	1	48.8	48.9	49.2	50.3	49.6	50.6	50.0	50.1	50.3	4.1	4635	30
25	19.7	22.9	59	10	26	36	9280	12900	308	261	459	648	1	48.1	48.7	49.0	50.1	49.5	49.4	49.5	49.6	49.6	3.5	4375	25
20	19.6	22.5	58	9	25	35	9172	12780	305	255	450	635	1	48.1	48.7	48.9	49.8	49.3	49.3	48.8	49.5	49.5	2.9	4015	20
15	19.2	22.5	53	9	25	31	9124	12620	292	251	443	594	0	48.0	48.2	48.8	49.7	49.2	49.2	48.8	49.0	49.0	2.8	3905	15
10	18.6	21.8	52	8	24	30	8916	12380	290	242	434	590	0	47.7	48.0	48.5	49.0	49.2	49.1	48.4	49.0	48.9	2.6	3145	10
5	18.6	21.4	51	8	24	28	8868	11340	288	238	430	565	0	47.5	47.4	47.9	48.8	48.8	48.6	48.4	47.1	48.1	2.3	2385	5
MEAN	21.1	23.9	63.0	10.7	32.1	43.7	9764	15932	406	307	504	703	8.6	50.3	49.5	49.8	50.5	51.7	51.6	51.4	51.7	51.6	5.6	6668	MEAN
STANDARD DEVIATION	1.7	1.4	8.3	2.0	6.9	9.6	632	4143	101	48	50	85	12.8	2.5	1.2	1.2	1.2	2.7	2.4	2.7	2.7	2.6	2.3	3241	STANDARD DEVIATION
NUMBER OF DISTRICTS	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	NUMBER OF DISTRICTS

DISTRICT NORMS

GRADE 4

V. RURAL

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	SCHOOL RESOURCES: SCHOOL FINANCIAL RESOURCES (8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	STUDENT BACKGROUND (13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (DISTRICT MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (DISTRICT MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	DROPOUT RATE (23) SCHOOL DROPOUT RATE (1988-89)	SCHOOL OR DISTRICT SIZE (25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	27.0	28.7	100	17	29	39	9799	36450	727	454	537	843	13	52.5	52.7	53.1	54.0	55.4	55.5	56.1	56.4	55.9	9.0	2662	95
90	25.2	27.0	90	14	25	35	9579	23600	506	436	495	711	8	51.6	51.5	52.0	53.0	53.4	54.0	53.8	54.3	54.1	7.9	2121	90
85	24.3	26.6	73	13	23	28	9417	21517	461	424	479	678	6	51.2	51.0	51.3	52.4	52.7	53.5	53.1	53.6	53.2	7.2	1920	85
80	23.8	26.0	70	12	21	25	9254	18100	419	412	463	655	4	50.8	50.6	50.8	51.9	52.2	53.0	52.4	52.9	52.7	6.7	1742	80
75	23.2	25.5	67	11	20	18	9138	17010	395	401	454	643	3	50.4	50.4	50.5	51.4	51.8	52.7	52.1	52.3	52.2	6.4	1521	75
70	22.9	25.2	63	11	18	15	9025	15450	371	392	445	634	3	50.1	50.1	50.3	51.3	51.3	52.4	51.6	52.0	51.9	6.1	1384	70
65	22.6	24.9	61	11	17	13	8897	14525	345	379	437	627	2	49.8	49.8	50.1	51.0	51.0	52.0	51.1	51.7	51.6	5.8	1231	65
60	22.3	24.5	59	10	16	10	8764	13186	330	367	432	617	2	49.6	49.4	49.8	50.8	50.6	51.7	50.9	51.3	51.3	5.4	1135	60
55	21.9	24.2	56	10	15	9	8653	12444	310	355	425	607	1	49.3	49.1	49.7	50.6	50.4	51.4	50.7	51.1	51.0	5.1	1021	55
50	21.6	23.7	54	9	14	7	8563	11760	291	343	419	598	1	48.9	48.9	49.5	50.1	50.0	51.1	50.3	50.8	50.8	4.5	848	50
45	21.3	23.2	52	9	13	5	8416	11261	279	332	413	589	1	48.7	48.8	49.3	49.9	49.8	50.8	50.0	50.5	50.5	4.3	741	45
40	20.8	22.8	49	9	11	2	8282	10729	260	325	405	582	1	48.5	48.5	49.1	49.5	49.6	50.4	49.7	50.3	50.1	3.9	631	40
35	20.5	22.5	47	8	9	0	8182	10150	250	312	399	574	0	48.2	48.2	48.8	49.1	49.5	50.0	49.3	49.9	49.9	3.6	523	35
30	20.1	22.0	44	8	7	0	8045	9817	239	302	390	565	0	47.9	47.9	48.7	48.9	49.1	49.8	48.9	49.5	49.6	3.2	372	30
25	19.6	21.4	43	8	6	0	7853	9279	228	283	383	551	0	47.6	47.7	48.3	48.5	48.8	49.5	48.7	49.2	49.2	2.8	270	25
20	19.0	20.7	41	7	0	0	7632	8700	215	269	370	536	0	47.2	47.2	47.9	48.0	48.2	48.9	48.4	48.7	48.7	2.4	161	20
15	18.5	19.7	38	7	0	0	7146	8150	203	248	332	507	0	46.6	46.4	47.5	47.6	47.6	48.3	47.8	48.1	48.4	2.1	80	15
10	17.5	18.5	32	6	0	0	6821	7400	183	215	300	430	0	45.9	45.8	47.1	46.9	46.9	47.5	47.3	47.6	47.6	1.7	43	10
5	15.9	16.8	21	5	0	0	6021	6625	151	141	277	357	0	44.6	44.6	45.4	45.8	45.9	46.5	45.8	46.2	46.2	1.2	10	5
MEAN	21.5	23.4	55.2	10.0	13.5	11.5	8344	15184	341	333	415	598	3.4	48.9	48.9	49.4	50.0	50.3	50.9	50.4	50.9	50.8	4.8	1068	MEAN
STANDARD DEVIATION	3.8	4.0	22.1	4.2	11.2	13.8	1201	15325	207	94	84	139	7.5	2.3	2.6	2.3	2.6	2.9	2.8	3.0	3.0	2.8	2.7	1300	STANDARD DEVIATION
NUMBER OF DISTRICTS	346	346	346	324	346	346	341	345	345	337	344	345	346	311	311	311	311	311	311	311	311	311	250	345	NUMBER OF DISTRICTS

DISTRICT NORMS

GRADE 4

IV. URBAN FRINGE

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	SCHOOL RESOURCES: SCHOOL FINANCIAL RESOURCES (8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	STUDENT BACKGROUND (13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (DISTRICT MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (DISTRICT MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	DROPOUT RATE (23) SCHOOL DROPOUT RATE (1968-69)	SCHOOL OR DISTRICT SIZE (25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	24.9	27.6	72	12	47	67	11776	33880	847	417	726	1000	27	57.6	51.7	52.2	52.5	56.8	55.6	56.0	56.4	55.7	11.1	19570	95
90	23.8	26.5	69	11	44	62	11236	29660	761	408	633	907	8	55.3	51.4	51.9	51.6	54.4	54.4	54.3	54.5	54.3	9.0	13315	90
85	23.3	26.3	67	10	40	57	10968	25640	671	398	607	851	4	54.3	51.0	51.6	51.4	53.8	53.9	53.8	53.9	53.8	7.8	9460	85
80	22.7	25.8	65	10	38	55	10764	22620	630	389	590	817	3	53.8	50.8	51.2	51.0	53.4	53.1	53.5	53.4	53.3	7.1	8415	80
75	22.2	25.3	63	9	36	53	10450	19400	535	382	573	781	2	53.6	50.8	51.0	50.9	52.8	52.8	52.8	53.2	52.8	6.6	7700	75
70	22.1	24.9	61	9	35	52	10276	17740	499	372	556	771	2	52.8	50.6	50.9	50.7	52.6	52.5	52.6	52.6	52.6	6.1	6510	70
65	21.9	24.6	59	9	33	49	10046	15987	479	359	544	751	2	52.5	50.5	50.7	50.4	52.1	52.3	52.1	52.4	52.3	5.9	5663	65
60	21.7	24.3	58	8	31	49	9943	15313	468	340	535	734	1	52.1	50.3	50.5	50.1	51.9	52.0	51.6	52.1	51.9	5.6	5385	60
55	21.3	24.0	57	8	29	46	9784	14755	438	325	526	712	1	51.9	50.3	50.2	50.0	51.5	51.4	51.4	52.0	51.5	5.3	5080	55
50	21.1	23.9	56	8	28	42	9640	13900	408	315	513	697	1	51.3	50.1	50.1	49.8	51.3	51.1	51.2	51.7	51.4	5.0	4750	50
45	20.9	23.7	54	7	26	40	9499	13290	386	309	508	686	1	50.6	50.0	49.9	49.7	50.8	50.9	51.0	51.2	51.0	4.8	4220	45
40	20.5	23.6	52	7	24	37	9412	12353	369	303	489	674	1	50.2	49.9	49.8	49.6	50.5	50.8	50.8	50.7	50.9	4.3	3870	40
35	20.2	23.3	50	7	23	35	9282	11370	337	288	476	659	1	49.6	49.8	49.5	49.5	50.2	50.6	50.4	50.3	50.6	4.0	3493	35
30	20.0	23.0	49	7	21	33	9172	10684	322	275	469	645	1	49.4	49.7	49.5	49.4	49.9	50.0	50.1	49.9	50.0	3.8	3355	30
25	19.6	22.6	48	7	19	30	9000	10350	291	262	459	630	1	49.2	49.5	49.2	49.3	49.6	49.9	49.5	49.5	49.7	3.5	2563	25
20	19.4	22.0	45	6	18	28	8904	9540	275	248	447	619	1	48.7	49.2	49.1	49.1	49.2	49.7	49.3	49.1	49.4	3.2	2360	20
15	18.8	21.7	41	6	17	24	8717	9030	265	211	436	605	1	47.9	48.9	48.9	48.8	48.7	48.6	48.9	48.4	48.9	2.7	2063	15
10	18.2	21.2	37	6	15	22	8388	8740	241	190	421	588	0	46.9	48.6	48.4	48.6	47.9	47.9	47.8	47.8	47.9	2.2	1735	10
5	17.5	20.3	34	5	11	5	8082	7605	223	160	401	564	0	45.3	48.4	47.8	48.1	47.0	47.0	46.9	47.2	47.1	1.1	1180	5
MEAN	21.1	24.0	54.3	8.0	28.3	41.3	9821	16681	457	311	524	725	4.6	51.3	50.1	50.1	50.0	51.3	51.3	51.3	51.4	51.3	5.3	6298	MEAN
STANDARD DEVIATION	2.4	2.3	12.4	2.2	11.7	17.2	1390	9596	208	88	95	135	12.1	3.5	1.1	1.4	1.3	2.8	2.6	2.6	2.8	2.6	2.8	5905	STANDARD DEVIATION
NUMBER OF DISTRICTS	122	122	122	122	122	122	122	122	122	122	122	122	122	121	121	121	121	122	122	122	122	122	115	122	NUMBER OF DISTRICTS

DISTRICT NORMS

GRADE 4 — III. TOWNS

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969–70)	SCHOOL RESOURCES: SCHOOL FINANCIAL RESOURCES (8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969–70)	(9) LOCAL REVENUE PER PUPIL (69–70)	(10) STATE SCHOOL AID PER PUPIL (69–70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969–70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969–70)	STUDENT BACKGROUND (13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (DISTRICT MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (DISTRICT MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	DROPOUT RATE (23) SCHOOL DROPOUT RATE (1968–69)	SCHOOL OR DISTRICT SIZE (25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	25.3	27.8	77	14	41	53	10530	21875	531	429	553	775	10	52.9	51.1	52.1	53.1	54.1	54.4	54.8	56.3	54.7	9.2	6163	95
90	25.0	27.2	72	13	35	48	10053	19850	465	406	533	734	7	52.3	50.9	51.2	52.2	53.6	54.2	54.3	54.4	54.0	8.0	4850	90
85	24.2	27.1	69	13	32	47	9933	18350	431	389	503	713	6	51.7	50.5	50.9	51.8	53.4	53.9	53.7	53.9	53.7	7.2	4038	85
80	23.9	26.6	68	12	30	43	9860	16833	410	372	493	680	5	51.3	50.2	50.8	51.5	52.9	53.5	53.3	53.3	53.3	6.6	3525	80
75	23.3	26.3	65	11	28	41	9698	15875	387	362	481	656	3	51.0	50.0	50.6	51.1	52.4	53.1	52.6	53.0	52.9	6.4	3438	75
70	23.1	26.1	64	11	26	40	9640	15200	366	356	475	646	3	50.8	49.8	50.5	51.0	52.1	52.7	52.2	52.9	52.7	6.0	3300	70
65	22.7	25.8	62	11	25	38	9543	14350	354	352	469	638	3	50.5	49.6	50.1	50.6	51.8	52.6	52.1	52.6	52.4	5.5	2963	65
60	22.2	25.4	60	11	23	37	9367	13700	340	342	461	634	2	50.4	49.4	49.9	50.5	51.6	52.4	51.9	52.4	52.1	5.2	2808	60
55	22.1	24.9	58	10	22	34	9290	13290	333	339	454	630	2	50.3	49.2	49.7	50.1	51.4	52.3	51.7	52.2	52.0	4.9	2713	55
50	22.0	24.6	57	10	21	33	9187	13075	324	333	441	626	1	50.3	49.1	49.5	50.1	51.2	52.0	51.5	51.9	51.9	4.6	2520	50
45	21.8	24.4	56	10	20	30	9133	12783	313	328	438	618	1	50.0	48.8	49.5	50.0	51.1	51.8	51.2	51.5	51.6	4.3	2438	45
40	21.6	24.2	54	10	19	28	9050	12540	306	318	435	605	1	49.7	48.6	49.4	49.8	50.8	51.4	51.1	51.0	51.4	4.1	2225	40
35	21.5	24.0	52	9	18	26	9002	12275	292	314	429	598	1	49.6	48.5	49.2	49.6	50.6	51.2	50.8	50.7	51.0	3.8	2094	35
30	21.2	23.8	51	9	17	24	8870	11925	286	310	426	584	1	49.3	48.3	48.9	49.4	50.4	51.0	50.3	50.4	50.7	3.5	1950	30
25	20.9	23.4	49	8	16	22	8793	11450	266	301	420	579	1	49.0	48.1	48.6	49.3	50.3	50.6	50.1	50.2	50.6	3.2	1878	25
20	20.6	23.1	47	8	15	19	8727	11100	253	292	414	570	1	48.6	48.0	48.4	48.9	49.9	50.3	49.6	49.9	49.9	2.9	1750	20
15	20.2	22.9	45	7	14	14	8595	10475	242	282	409	562	1	48.1	47.7	48.3	48.4	49.5	49.6	49.4	49.6	49.5	2.6	1538	15
10	19.8	22.5	42	7	13	12	8490	9050	230	273	401	554	0	47.8	47.1	48.0	48.0	49.2	49.5	48.9	49.1	49.2	2.1	1400	10
5	19.2	21.7	41	6	10	10	8325	8550	208	247	379	537	0	47.3	46.0	47.4	47.5	48.8	49.0	48.6	48.6	48.7	1.7	1088	5
MEAN	22.1	24.8	57.6	10.0	23.0	31.7	9280	14191	337	333	454	630	3.0	50.1	49.0	49.7	50.2	51.4	51.9	51.5	51.8	51.7	4.9	2869	MEAN
STANDARD DEVIATION	2.0	2.1	11.3	2.3	10.1	13.6	638	4684	99	54	49	69	4.3	1.8	1.5	1.4	1.8	1.9	1.9	2.1	2.4	2.0	2.3	1582	STANDARD DEVIATION
NUMBER OF DISTRICTS	105	105	105	105	105	105	105	105	105	105	105	105	105	103	103	103	103	105	105	105	105	105	103	105	NUMBER OF DISTRICTS

DISTRICT NORMS

GRADE 7

II. CITIES

PERCENTILE DISTRIBUTION	(1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	(8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	(13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	(15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	(18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	(23) SCHOOL DROPOUT RATE (1968-69)	(25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	23.6	25.7	74	14	45	59	10692	22060	591	381	576	879	34	55.8	51.0	52.4	53.1	54.6	54.8	54.5	56.6	55.3	9.7	12565	95
90	23.1	25.7	73	13	44	54	10644	21620	580	359	572	770	22	53.8	50.7	51.6	53.0	54.5	54.2	53.8	54.7	54.0	9.0	12005	90
85	23.0	25.5	71	12	43	54	10436	20980	504	341	554	767	22	52.7	50.7	51.2	51.6	54.4	54.1	53.7	54.1	54.0	7.6	9545	85
80	22.8	25.4	70	12	38	53	10148	20740	473	335	548	764	13	52.5	50.6	50.8	51.5	54.2	53.7	53.6	54.0	54.0	7.1	9285	80
75	22.0	24.9	68	12	37	49	10120	19700	462	333	546	748	10	52.0	50.5	50.6	50.5	53.1	53.0	52.2	53.2	52.7	7.0	8375	75
70	21.9	24.3	67	12	36	48	10092	17860	456	327	543	746	8	51.2	50.5	50.5	50.4	52.7	52.6	52.0	53.1	52.5	6.7	7915	70
65	21.8	24.3	66	11	35	48	10004	16620	432	323	536	734	7	50.9	50.1	50.2	50.4	52.0	52.4	51.7	52.9	52.3	6.6	6855	65
60	21.5	24.2	64	11	32	46	9956	16180	429	320	530	722	5	50.6	50.1	50.1	50.2	51.6	51.7	51.4	52.8	52.0	8.5	6695	60
55	21.4	24.2	63	11	31	46	9908	14740	419	318	517	713	4	50.2	50.1	50.1	50.0	51.5	51.2	51.3	52.1	51.7	5.9	6485	55
50	21.2	23.9	62	10	30	45	9820	14100	398	317	498	708	3	49.5	49.9	49.7	49.9	51.3	51.2	50.9	51.7	51.3	5.6	6125	50
45	21.1	23.7	61	10	30	45	9692	13480	396	312	489	703	2	49.4	49.7	49.7	49.8	50.8	51.2	50.7	51.6	51.0	5.6	5465	45
40	20.9	23.6	61	10	29	44	9644	13360	394	308	485	686	2	49.3	49.5	49.7	49.7	50.7	50.8	50.6	51.4	51.0	5.2	5005	40
35	20.6	23.2	60	10	28	43	9396	13240	380	300	483	682	1	49.2	49.2	49.6	49.6	50.6	50.5	50.2	51.2	50.9	5.0	4795	35
30	20.4	23.2	59	10	26	40	9348	13120	349	298	481	677	1	49.1	48.9	49.5	49.5	50.5	50.4	49.4	50.4	50.5	4.1	4635	30
25	19.7	22.9	59	10	26	36	9280	12900	308	261	459	648	1	48.2	48.7	49.2	49.2	50.1	49.1	49.0	50.0	49.5	3.5	4375	25
20	19.6	22.5	58	9	25	35	9172	12780	305	255	450	635	1	48.1	48.4	49.1	48.7	50.0	49.1	48.8	48.5	49.1	2.9	4015	20
15	19.2	22.5	53	9	25	31	9124	12620	292	251	443	594	0	47.9	48.3	49.1	48.5	49.9	49.1	48.6	48.4	48.8	2.8	3905	15
10	18.6	21.8	52	8	24	30	8916	12380	290	242	434	590	0	47.1	48.0	48.7	48.4	48.7	48.7	47.9	48.0	48.3	2.6	3145	10
5	18.6	21.4	51	8	24	28	8868	11340	288	238	430	565	0	45.7	47.4	47.9	48.3	46.7	47.6	46.4	47.9	47.5	2.3	2385	5
MEAN	21.1	23.9	63.0	10.7	32.1	43.7	9764	15932	406	307	504	703	8.6	50.1	49.6	50.0	50.1	51.3	51.2	50.9	51.7	51.3	5.6	6668	MEAN
STANDARD DEVIATION	1.7	1.4	8.3	2.0	6.9	9.6	632	4143	101	48	50	85	12.8	2.9	1.1	1.2	1.4	2.6	2.6	2.9	2.9	2.7	2.3	3241	STANDARD DEVIATION
NUMBER OF DISTRICTS	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	NUMBER OF DISTRICTS

DISTRICT NORMS

GRADE 7

V. RURAL

PERCENTILE DISTRIBUTION	(1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	(8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	(13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	(15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	(18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	(23) SCHOOL DROPOUT RATE (1968-69)	(25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	27.2	29.0	100	15	29	40	9824	36320	638	454	553	840	13	53.0	53.2	52.7	54.9	54.0	54.4	54.9	56.1	54.7	9.0	2728	95
90	25.1	27.0	76	14	25	35	9623	23210	488	436	496	710	8	52.1	51.9	51.3	53.7	53.2	53.4	53.8	54.3	53.8	7.9	2180	90
85	24.2	26.6	72	13	23	29	9477	21430	449	426	479	679	6	51.8	51.2	50.9	53.0	52.2	52.9	52.8	53.7	52.8	7.2	1966	85
80	23.8	26.1	68	12	22	25	9285	18040	410	414	465	657	4	51.5	50.8	50.5	52.5	51.7	52.3	52.1	53.1	52.3	6.7	1809	80
75	23.2	25.6	65	11	20	20	9174	16975	387	404	456	645	3	51.2	50.4	50.2	52.3	51.4	51.9	51.7	52.5	51.8	6.4	1620	75
70	22.9	25.3	62	11	19	16	9075	15273	364	394	448	637	3	51.0	50.1	50.0	51.8	51.2	51.6	51.4	52.0	51.6	6.1	1435	70
65	22.7	25.0	61	11	17	14	8967	14347	341	385	438	629	2	50.6	49.7	49.7	51.5	50.8	51.4	51.2	51.7	51.4	5.8	1282	65
60	22.3	24.7	57	10	16	11	8844	13123	327	372	435	622	2	50.2	49.5	49.5	51.2	50.5	51.2	50.8	51.4	51.3	5.4	1193	60
55	22.0	24.3	56	10	15	10	8739	12398	305	360	427	612	2	49.9	49.4	49.3	50.8	50.3	51.0	50.6	51.1	51.0	5.1	1103	55
50	21.6	23.9	54	9	14	9	8625	11650	289	349	423	603	1	49.6	49.1	49.0	50.5	50.0	50.8	50.2	51.0	50.7	4.5	963	50
45	21.3	23.4	52	9	13	7	8541	11213	278	337	417	594	1	49.3	48.9	48.7	50.3	49.8	50.6	50.0	50.7	50.4	4.3	836	45
40	20.9	23.1	50	9	12	5	8391	10649	260	329	409	586	1	49.0	48.6	48.5	50.0	49.5	50.3	49.7	50.4	50.1	3.9	734	40
35	20.6	22.6	47	8	11	2	8268	10109	250	317	404	580	1	48.8	48.4	48.2	49.7	49.2	49.9	49.4	50.1	49.9	3.6	633	35
30	20.2	22.2	45	8	9	0	8172	9780	239	307	397	572	0	48.6	48.1	48.0	49.5	48.9	49.6	49.0	49.9	49.5	3.2	527	30
25	19.8	21.8	43	8	7	0	8043	9250	228	294	389	562	0	48.2	47.8	47.8	49.1	48.6	49.3	48.7	49.4	49.3	2.8	394	25
20	19.4	21.1	42	7	6	0	7852	8684	216	277	383	550	0	48.0	47.5	47.4	48.7	48.2	48.9	48.2	49.0	49.0	2.4	291	20
15	18.8	20.5	40	7	0	0	7624	8157	203	260	367	536	0	47.6	47.1	46.9	48.2	47.9	48.6	47.9	48.6	48.6	2.1	174	15
10	18.0	19.0	35	6	0	0	7056	7452	179	219	326	510	0	47.0	46.5	46.3	47.4	47.2	48.0	47.4	48.0	48.1	1.7	107	10
5	16.2	17.0	27	5	0	0	6316	6790	151	162	285	364	0	46.2	45.2	45.3	46.5	45.9	46.8	46.8	46.5	47.1	1.2	35	5
MEAN	21.6	23.5	55.2	9.9	14.5	12.5	8484	14635	334	339	425	611	3.2	49.6	49.1	49.0	50.6	50.0	50.7	50.4	51.1	50.7	4.8	1153	MEAN
STANDARD DEVIATION	3.5	3.8	18.7	3.8	10.8	14.0	1093	9627	216	90	99	155	6.5	2.3	2.4	2.1	2.4	2.4	2.3	2.7	2.8	2.4	2.7	1319	STANDARD DEVIATION
NUMBER OF DISTRICTS	319	319	319	306	319	319	316	318	318	316	318	318	319	296	296	296	296	296	296	296	296	296	250	318	NUMBER OF DISTRICTS

SCHOOL RESOURCES
HUMAN RESOURCES
SCHOOL FINANCIAL RESOURCES
STUDENT BACKGROUND
SCHOOL/STUDENT PERFORMANCE
ATTITUDE MEASURES (DISTRICT MEANS)
BASIC SKILLS MEASURES (DISTRICT MEANS)
DROPOUT RATE
SCHOOL OR DISTRICT SIZE

DISTRICT NORMS

GRADE 7

I. METROPOLITAN CORE CITIES

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	SCHOOL RESOURCES: SCHOOL FINANCIAL RESOURCES (8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	STUDENT BACKGROUND (13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (DISTRICT MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (DISTRICT MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	DROPOUT RATE (23) SCHOOL DROPOUT RATE (1968-69)	SCHOOL OR DISTRICT SIZE (25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	24.3	27.1	77	13	53	70	11390	36750	899	397	754	1005	86	55.4	53.2	53.0	52.6	55.8	55.6	52.9	54.8	54.6	15.5	110955	95
90	23.8	27.0	75	12	46	64	11320	25600	815	323	656	926	76	50.2	52.1	51.1	51.7	50.7	51.1	50.1	51.3	51.2	15.0	46950	90
85	23.1	26.9	73	12	38	62	11170	23050	666	312	612	896	65	49.8	51.6	50.6	51.4	50.4	51.1	49.7	51.2	50.9	14.0	35163	85
80	22.3	25.9	69	12	38	60	11060	22300	608	312	606	895	43	48.9	51.5	50.2	50.8	50.3	49.8	49.6	50.0	49.5	12.9	33125	80
75	22.3	25.9	68	12	37	60	11030	22150	604	311	604	894	42	48.9	51.5	50.2	50.8	50.3	49.8	49.6	50.0	49.5	12.7	33088	75
70	22.2	25.4	66	11	36	60	10880	21000	590	310	602	893	42	48.4	51.3	50.0	50.5	49.2	49.5	48.6	48.6	49.2	12.6	24850	70
65	22.1	24.6	65	11	35	58	10690	20450	582	309	597	879	38	47.8	51.2	49.9	50.5	48.1	49.0	48.2	48.5	48.7	11.8	23213	65
60	21.3	24.6	63	11	34	55	10660	19100	580	306	591	872	31	46.7	51.2	49.5	50.3	48.0	48.6	47.4	48.1	48.1	10.7	20125	60
55	21.3	24.6	62	11	34	54	10630	19025	578	304	589	869	30	46.7	51.2	49.5	50.3	48.0	48.6	47.4	48.1	48.1	10.5	20088	55
50	21.1	24.3	61	11	34	53	10480	18950	565	300	584	862	28	45.9	51.1	49.0	50.2	47.9	48.4	47.2	48.0	47.9	9.6	18950	50
45	20.2	23.7	60	10	33	52	10250	18875	561	299	582	859	26	45.9	50.7	49.0	50.0	47.2	47.4	47.1	47.0	47.1	8.7	16913	45
40	19.9	23.6	59	10	32	47	10180	18800	533	299	576	848	26	45.6	49.8	48.9	49.8	46.9	47.1	46.6	46.5	46.9	8.6	14975	40
35	19.9	23.6	59	10	31	47	10165	18725	529	298	574	845	25	45.6	49.8	48.9	49.8	46.9	47.1	46.6	46.5	46.9	8.5	14938	35
30	19.4	22.9	59	10	31	47	10150	17800	480	293	572	810	19	45.4	49.7	48.9	49.5	45.5	45.8	46.4	46.3	46.2	7.4	11250	30
25	19.0	22.7	57	9	31	43	10130	17650	476	273	513	760	18	44.7	49.7	48.9	49.5	43.7	44.4	44.0	43.1	43.9	7.2	10613	25
20	18.7	21.8	57	9	31	42	9220	16900	423	267	510	758	17	42.7	49.5	48.8	49.5	43.5	43.8	43.5	42.6	43.5	6.9	8275	20
15	18.7	21.8	56	9	30	42	9190	16750	419	265	508	757	16	42.7	49.5	48.8	49.5	43.5	43.8	43.5	42.6	43.5	6.7	8238	15
10	17.5	21.7	56	9	23	41	9000	16000	370	206	482	710	11	42.7	49.1	48.4	48.9	43.2	43.8	43.1	41.7	43.1	6.6	4250	10
5	17.4	20.3	53	8	19	33	7970	11450	241	114	456	679	6	39.9	48.6	47.9	48.8	40.3	41.6	41.8	41.4	41.7	3.2	3063	5
MEAN	20.8	24.2	63.2	10.5	34.1	52.2	10298	20260	558	288	579	842	35.1	46.7	50.7	49.6	50.3	47.4	47.8	47.1	47.3	47.5	10.0	37687	MEAN
STANDARD DEVIATION	2.1	2.0	7.1	1.4	7.9	9.9	921	5422	157	60	70	83	22.8	3.6	1.2	1.2	1.0	3.7	3.5	2.9	3.7	3.4	3.4	69437	STANDARD DEVIATION
NUMBER OF DISTRICTS	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	NUMBER OF DISTRICTS

DISTRICT NORMS

GRADE 7

MICHIGAN

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	SCHOOL FINANCIAL RESOURCES (8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	STUDENT BACKGROUND (13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (DISTRICT MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (DISTRICT MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	DROPOUT RATE (23) SCHOOL DROPOUT RATE (1968-69)	SCHOOL OR DISTRICT SIZE (25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	25.8	28.0	81	14	43	57	10859	30860	726	444	606	893	20	54.8	52.6	52.5	54.0	54.8	54.7	54.9	55.9	54.9	10.2	11265	95
90	24.6	27.0	73	13	36	52	10351	23730	589	425	573	803	10	53.1	51.6	51.6	53.0	53.8	53.8	53.9	54.5	54.1	8.4	7005	90
85	23.9	26.6	70	12	33	48	10025	21440	499	412	541	759	7	52.4	51.1	51.3	52.5	53.1	53.3	53.2	53.9	53.3	7.5	5295	85
80	23.4	26.1	67	12	30	43	9824	19120	468	399	514	720	5	52.0	50.8	50.9	52.1	52.5	52.8	52.6	53.3	52.7	7.0	4235	80
75	23.1	25.7	65	11	27	40	9653	17433	431	390	496	698	4	51.6	50.6	50.7	51.7	52.1	52.4	52.1	52.8	52.4	6.6	3475	75
70	22.7	25.3	63	11	25	36	9502	16252	407	378	482	676	3	51.4	50.3	50.5	51.4	51.6	52.1	51.8	52.4	52.0	6.3	2940	70
65	22.4	25.0	61	10	23	33	9349	15120	385	365	471	656	2	51.1	50.1	50.2	51.0	51.4	51.7	51.5	52.1	51.8	5.9	2494	65
60	22.1	24.7	59	10	22	30	9243	14320	362	354	461	644	2	50.7	49.8	50.0	50.7	51.1	51.4	51.3	51.8	51.5	5.6	2180	60
55	21.8	24.3	57	10	20	26	9140	13340	341	342	453	635	2	50.3	49.7	49.8	50.5	50.8	51.2	50.9	51.5	51.3	5.2	1984	55
50	21.6	24.1	56	9	19	23	9030	12800	328	333	443	628	1	50.1	49.5	49.6	50.3	50.5	51.0	50.6	51.2	51.0	4.9	1817	50
45	21.3	23.8	54	9	18	18	8922	12348	310	325	436	619	1	49.8	49.2	49.4	50.0	50.3	50.8	50.3	51.0	50.8	4.4	1566	45
40	21.0	23.5	52	9	16	14	8790	11590	291	315	430	607	1	49.5	49.0	49.2	49.8	50.0	50.6	50.0	50.7	50.4	4.2	1390	40
35	20.6	23.2	50	8	15	11	8691	11172	280	309	424	598	1	49.1	48.8	48.9	49.5	49.8	50.2	49.7	50.4	50.1	3.8	1190	35
30	20.4	22.8	48	8	14	9	8557	10560	263	301	416	587	1	48.8	48.6	48.7	49.3	49.4	49.9	49.4	50.1	49.8	3.5	1046	30
25	20.0	22.4	46	8	13	6	8387	9993	249	288	408	578	1	48.5	48.3	48.4	49.0	49.0	49.5	49.0	49.8	49.5	3.2	815	25
20	19.6	21.9	43	7	11	2	8242	9351	236	274	400	568	0	48.1	48.0	48.0	48.8	48.7	49.2	48.7	49.2	49.2	2.8	646	20
15	19.0	21.3	41	7	7	0	8056	8810	221	256	388	554	0	47.7	47.6	47.7	48.3	48.2	48.8	48.2	48.6	48.8	2.4	461	15
10	18.3	20.4	39	6	4	0	7704	8088	203	223	373	535	0	47.0	47.1	47.2	47.8	47.5	48.3	47.6	48.0	48.2	2.0	237	10
5	17.1	18.8	32	5	0	0	7002	7180	173	172	319	489	0	45.7	46.3	46.2	46.9	46.2	47.0	46.4	46.5	47.0	1.3	85	5
MEAN	21.5	23.9	56.0	9.6	20.1	24.2	9008	15180	369	329	458	648	4.5	50.1	49.4	49.5	50.4	50.5	50.9	50.7	51.2	51.0	5.1	3701	MEAN
STANDARD DEVIATION	3.0	3.2	15.9	3.2	12.6	19.7	1238	8752	202	83	99	146	10.1	2.8	2.1	1.9	2.1	2.6	2.4	2.7	2.9	2.5	2.8	12963	STANDARD DEVIATION
NUMBER OF DISTRICTS	585	585	585	572	585	585	582	584	584	582	584	584	585	559	559	559	559	562	562	562	562	562	507	584	NUMBER OF DISTRICTS

DISTRICT NORMS

GRADE 7

IV. URBAN FRINGE

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1980-70)	SCHOOL FINANCIAL RESOURCES: (8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1980-70)	(9) LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENBE PER PUPIL (1980-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1980-70)	STUDENT BACKGROUND (13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (DISTRICT MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (DISTRICT MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	DROPOUT RATE (23) SCHOOL DROPOUT RATE (1968-69)	SCHOOL OR DISTRICT SIZE (25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	24.9	27.6	72	12	47	67	11776	33880	847	417	726	1000	27	58.4	52.7	52.6	52.5	56.1	56.4	55.3	56.2	55.8	11.1	19570	95
90	23.8	26.5	69	11	44	62	11236	29660	761	408	633	907	8	56.1	51.9	52.1	51.9	54.9	54.3	54.3	54.4	54.4	9.0	13315	90
85	23.3	26.3	67	10	40	57	10968	25640	671	398	607	851	4	54.4	51.4	51.8	51.6	54.2	53.8	53.4	54.3	53.7	7.8	9460	85
80	22.7	25.8	65	10	38	55	10764	22620	630	389	590	817	3	53.8	51.2	51.6	51.2	53.6	53.3	53.1	53.6	53.3	7.1	8415	80
75	22.2	25.3	63	9	36	53	10450	19400	535	382	573	781	2	53.1	51.0	51.5	50.8	53.1	52.9	52.6	52.9	52.7	6.6	7700	75
70	22.1	24.9	61	9	35	52	10276	17740	499	372	556	771	2	52.5	50.8	51.3	50.6	52.7	52.5	52.1	52.6	52.4	6.1	6510	70
65	21.9	24.6	59	9	33	49	10046	15987	479	359	544	751	2	52.4	50.6	51.0	50.4	52.5	52.4	51.8	52.1	52.1	5.9	5663	65
60	21.7	24.3	58	8	31	49	9943	15313	468	340	535	734	1	52.1	50.4	50.9	50.3	52.1	52.1	51.5	51.9	51.9	5.6	5385	60
55	21.3	24.0	57	8	29	46	9784	14755	438	325	526	712	1	51.6	50.3	50.7	50.1	52.0	51.8	51.3	51.7	51.3	5.3	5080	55
50	21.1	23.9	56	8	28	42	9640	13900	408	315	513	697	1	51.2	50.1	50.5	49.9	51.4	51.1	50.9	51.1	51.0	5.0	4750	50
45	20.9	23.7	54	7	26	40	9499	13290	386	309	508	686	1	51.0	50.0	50.3	49.6	51.1	50.9	50.7	50.9	50.8	4.8	4220	45
40	20.5	23.6	52	7	24	37	9412	12353	369	303	489	674	1	50.4	49.7	50.1	49.4	51.0	50.6	50.3	50.7	50.6	4.3	3870	40
35	20.2	23.3	50	7	23	35	9282	11370	337	288	476	659	1	50.0	49.5	49.9	49.3	50.5	50.3	50.0	50.4	50.3	4.0	3493	35
30	20.0	23.0	49	7	21	33	9172	10684	322	275	469	645	1	49.8	49.3	49.8	49.1	50.1	50.1	49.7	50.2	50.0	3.8	3355	30
25	19.6	22.6	48	7	19	30	9000	10350	291	262	459	630	1	48.9	49.1	49.6	48.9	49.9	49.7	49.4	50.0	49.7	3.5	2563	25
20	19.4	22.0	45	6	18	28	8904	9540	275	248	447	619	1	48.2	49.0	49.3	48.7	49.2	49.5	49.0	49.3	49.4	3.2	2360	20
15	18.8	21.7	41	6	17	24	8717	9030	265	211	436	605	1	47.7	48.6	48.8	48.2	48.7	49.2	48.7	48.9	49.1	2.7	2063	15
10	18.2	21.2	37	6	15	22	8388	8740	241	190	421	588	0	46.1	48.2	48.4	47.9	48.1	48.7	48.1	48.3	48.6	2.2	1735	10
5	17.5	20.3	34	5	11	5	8082	7605	223	160	401	564	0	44.9	47.7	47.9	47.3	46.2	47.5	47.0	46.7	47.3	1.1	1180	5
MEAN	21.1	24.0	54.3	8.0	28.3	41.3	9821	16681	457	311	524	725	4.6	51.2	50.0	50.4	49.9	51.4	51.4	51.0	51.3	51.2	5.3	6298	MEAN
STANDARD DEVIATION	2.4	2.3	12.4	2.2	11.7	17.2	1390	9596	208	88	95	135	12.1	3.9	1.6	1.5	1.6	3.0	2.7	2.7	2.9	2.7	2.8	5905	STANDARD DEVIATION
NUMBER OF DISTRICTS	122	122	122	122	122	122	122	122	122	122	122	122	122	121	121	121	121	122	122	122	122	122	115	122	NUMBER OF DISTRICTS

DISTRICT NORMS

GRADE 7

III. TOWNS

PERCENTILE DISTRIBUTION	(1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) AVERAGE YEARS TEACHING EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	(7) AVERAGE SALARY OF TEACHERS (1969-70)	(8) STATE EQUALIZED VALUATION PER RESIDENT PUPIL (1969-70)	(9) * LOCAL REVENUE PER PUPIL (69-70)	(10) STATE SCHOOL AID PER PUPIL (69-70)	(11) K-12 INSTRUCTIONAL EXPENSE PER PUPIL (1969-70)	(12) TOTAL CURRENT OPERATING EXPENSE PER PUPIL (1969-70)	(13) PERCENT OF RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (DISTRICT MEANS)	(15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	(18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	(23) SCHOOL DROPOUT RATE (1968-69)	(25) DISTRICT STATE AID MEMBERSHIP	PERCENTILE DISTRIBUTION
95	25.3	27.8	77	14	41	53	10530	21875	531	429	553	775	10	53.6	51.1	52.1	53.2	54.3	54.4	55.2	55.7	54.7	9.2	6163	95
90	25.0	27.2	72	13	35	48	10053	19850	465	406	533	734	7	52.9	50.7	51.3	52.8	53.8	54.0	54.1	54.7	54.1	8.0	4850	90
85	24.2	27.1	69	13	32	47	9933	18350	431	389	503	713	6	52.3	50.6	51.0	52.3	53.2	53.3	53.5	54.1	53.6	7.2	4038	85
80	23.9	26.6	68	12	30	43	9860	16833	410	372	493	680	5	51.9	50.2	50.9	51.9	52.4	53.1	52.8	53.4	53.0	6.6	3525	80
75	23.3	26.3	65	11	28	41	9698	15875	387	362	481	656	3	51.6	50.1	50.7	51.8	52.2	52.7	52.5	53.2	52.6	6.4	3438	75
70	23.1	26.1	64	11	26	40	9640	15200	366	356	475	646	3	51.4	50.0	50.6	51.1	52.1	52.4	52.3	53.0	52.5	6.0	3300	70
65	22.7	25.8	62	11	25	38	9543	14350	354	352	469	638	3	51.3	49.8	50.3	50.9	51.7	52.2	52.2	52.7	52.4	5.5	2963	65
60	22.2	25.4	60	11	23	37	9367	13700	340	342	461	634	2	50.8	49.7	50.2	50.7	51.4	52.0	52.0	52.4	52.0	5.2	2808	60
55	22.1	24.9	58	10	22	34	9290	13290	333	339	454	630	2	50.7	49.3	50.1	50.5	51.3	51.6	51.7	52.2	51.8	4.9	2713	55
50	22.0	24.6	57	10	21	33	9187	13075	324	333	441	626	1	50.5	49.0	49.9	50.1	51.2	51.5	51.5	52.1	51.7	4.6	2520	50
45	21.8	24.4	56	10	20	30	9133	12783	313	328	438	618	1	50.3	49.0	49.6	49.8	51.1	51.3	51.4	51.8	51.5	4.3	2438	45
40	21.6	24.2	54	10	19	28	9050	12540	306	318	435	605	1	50.1	48.8	49.5	49.7	50.8	51.1	50.9	51.5	51.2	4.1	2225	40
35	21.5	24.0	52	9	18	26	9002	12275	292	314	429	598	1	50.1	48.6	49.3	49.4	50.6	51.0	50.6	51.3	51.0	3.8	2094	35
30	21.2	23.8	51	9	17	24	8870	11925	286	310	426	584	1	49.7	48.5	49.2	49.1	50.5	50.9	50.3	51.1	50.8	3.5	1950	30
25	20.9	23.4	49	8	16	22	8793	11450	266	301	420	579	1	49.5	48.3	49.1	48.8	50.1	50.7	50.1	50.9	50.6	3.2	1878	25
20	20.6	23.1	47	8	15	19	8727	11100	253	292	414	570	1	49.1	48.0	48.8	48.7	49.7	50.2	50.0	50.4	50.2	2.9	1750	20
15	20.2	22.9	45	7	14	14	8595	10475	242	282	409	562	1	48.6	47.8	48.7	48.4	49.4	50.0	49.8	50.0	49.9	2.6	1538	15
10	19.8	22.5	42	7	13	12	8490	9050	230	273	401	554	0	48.3	47.6	48.2	48.0	49.2	49.5	49.1	49.2	49.5	2.1	1400	10
5	19.2	21.7	41	6	10	10	8325	8550	208	247	379	537	0	47.7	47.0	47.7	47.3	48.5	48.8	48.8	48.3	48.9	1.7	1088	5
MEAN	22.1	24.8	57.6	10.0	23.0	31.7	9280	14191	337	333	454	630	3.0	50.6	49.2	49.8	50.2	51.2	51.6	51.5	52.0	51.7	4.9	2869	MEAN
STANDARD DEVIATION	2.0	2.1	11.3	2.3	10.1	13.6	638	4684	99	54	49	69	4.3	1.8	1.3	1.3	1.8	1.8	1.7	2.0	2.1	1.9	2.3	1582	STANDARD DEVIATION
NUMBER OF DISTRICTS	105	105	105	105	105	105	105	105	105	105	105	105	105	103	103	103	103	105	105	105	105	105	103	105	NUMBER OF DISTRICTS

SCHOOL RESOURCES — HUMAN RESOURCES; SCHOOL FINANCIAL RESOURCES
STUDENT BACKGROUND
SCHOOL/STUDENT PERFORMANCE — ATTITUDE MEASURES (DISTRICT MEANS); BASIC SKILLS MEASURES (DISTRICT MEANS); DROPOUT RATE
SCHOOL OR DISTRICT SIZE

SCHOOL NORMS

GRADE 7

V. RURAL

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	28.5	30.2	100	41	44	13	53.3	53.2	52.7	55.2	54.0	54.5	55.0	56.4	54.9	946
90	25.9	28.1	81	33	35	8	52.2	52.0	51.4	53.9	53.2	53.6	54.3	54.8	53.9	676
85	25.1	27.0	72	30	28	5	51.8	51.3	50.9	53.2	52.3	52.9	53.0	53.7	53.1	596
80	24.1	26.4	67	26	22	4	51.5	50.8	50.5	52.6	51.9	52.4	52.2	53.2	52.4	534
75	23.5	25.9	63	25	19	3	51.2	50.5	50.2	52.3	51.5	52.1	51.8	52.5	51.9	496
70	23.0	25.3	60	22	16	3	51.0	50.1	50.0	51.8	51.2	51.7	51.5	52.1	51.6	458
65	22.5	24.9	57	20	14	2	50.6	49.8	49.7	51.6	50.8	51.4	51.2	51.8	51.4	412
60	21.8	24.3	55	18	12	2	50.2	49.7	49.5	51.2	50.5	51.2	50.9	51.4	51.3	387
55	21.3	23.9	53	16	9	1	50.0	49.4	49.3	50.9	50.3	51.0	50.6	51.2	51.0	362
50	20.9	23.4	50	15	7	1	49.6	49.2	49.0	50.5	50.1	50.8	50.2	51.0	50.7	332
45	20.6	23.0	48	14	5	1	49.3	48.9	48.8	50.3	49.8	50.6	50.0	50.7	50.4	304
40	20.1	22.5	45	12	0	1	49.1	48.7	48.5	50.0	49.5	50.3	49.7	50.4	50.1	278
35	19.6	21.9	43	10	0	0	48.9	48.4	48.2	49.7	49.2	49.9	49.4	50.1	49.9	247
30	19.1	21.5	39	8	0	0	48.7	48.2	48.0	49.4	48.9	49.7	49.0	49.9	49.6	221
25	18.6	20.6	35	5	0	0	48.2	47.8	47.7	49.0	48.6	49.3	48.8	49.4	49.4	179
20	18.0	19.7	33	0	0	0	47.9	47.5	47.4	48.7	48.2	48.9	48.2	48.9	49.0	149
15	17.4	19.0	30	0	0	0	47.5	47.1	46.8	48.2	47.9	48.6	47.9	48.6	48.6	121
10	16.5	17.7	25	0	0	0	46.9	46.3	46.3	47.4	47.1	48.0	47.4	48.0	48.1	69
5	14.8	16.1	18	0	0	0	46.2	45.2	45.2	46.4	45.8	46.8	46.8	46.0	47.1	29
MEAN	21.2	23.2	51.3	16.5	11.9	3.0	49.6	49.2	49.0	50.7	50.1	50.7	50.5	51.1	50.8	376
STANDARD DEVIATION	4.3	4.5	22.3	14.3	14.9	6.6	2.3	2.5	2.2	2.6	2.4	2.4	2.7	2.9	2.5	281
NUMBER OF SCHOOLS	337	337	337	337	337	337	314	314	314	314	314	314	314	314	314	337

SCHOOL NORMS

GRADE 7

MICHIGAN

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(4) PERCENT TEACHERS WITH MASTERS DEGREE	(5) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	27.9	30.9	87	53	71	86	55.8	53.0	52.8	53.9	55.2	55.2	55.4	56.3	55.3	1341
90	26.3	28.9	79	45	62	37	53.8	52.3	52.0	52.9	54.0	54.2	54.3	54.7	54.3	1149
85	25.2	27.6	72	40	57	19	52.8	51.8	51.5	52.4	53.3	53.5	53.4	54.0	53.6	1028
80	24.1	26.8	69	37	53	11	52.2	51.3	51.2	51.9	52.6	52.9	52.8	53.2	52.8	938
75	23.3	26.1	66	34	48	7	51.8	51.0	50.9	51.5	52.2	52.4	52.2	52.7	52.4	862
70	22.8	25.5	63	32	45	4	51.5	50.7	50.6	51.2	51.8	52.1	51.8	52.3	52.0	796
65	22.2	25.0	61	30	41	3	51.1	50.5	50.4	50.9	51.4	51.7	51.5	51.9	51.7	719
60	21.7	24.5	58	28	38	2	50.8	50.3	50.2	50.6	51.1	51.4	51.1	51.6	51.4	670
55	21.2	24.0	56	26	34	2	50.4	50.1	49.9	50.4	50.8	51.1	50.8	51.3	51.1	617
50	20.9	23.6	54	24	31	2	50.1	49.8	49.7	50.1	50.5	50.9	50.4	50.9	50.8	579
45	20.5	23.2	51	22	27	1	49.7	49.6	49.5	49.9	50.1	50.6	50.1	50.5	50.4	530
40	20.1	22.8	50	20	23	1	49.3	49.3	49.2	49.6	49.8	50.2	49.8	50.2	50.1	485
35	19.8	22.5	47	18	19	1	48.9	49.1	48.9	49.4	49.3	49.9	49.4	49.9	49.7	442
30	19.4	22.1	44	16	15	1	48.3	48.8	48.7	49.1	48.9	49.4	49.0	49.2	49.3	396
25	18.9	21.6	41	15	11	0	47.9	48.6	48.5	48.8	48.3	48.9	48.3	48.7	49.0	357
20	18.4	21.0	38	12	6	0	47.3	48.2	48.1	48.5	47.7	48.4	47.7	47.8	48.1	306
15	17.8	20.4	35	9	0	0	46.3	47.8	47.8	48.2	46.5	47.2	46.9	46.5	47.1	249
10	17.0	19.3	31	5	0	0	45.0	47.3	47.3	47.6	44.4	45.3	45.2	43.8	44.9	174
5	15.7	17.8	25	0	0	0	42.7	46.4	46.3	46.9	41.5	42.5	42.5	40.5	42.1	95
MEAN	21.3	23.9	54.1	25.0	31.3	11.4	49.8	49.8	49.6	50.2	49.9	50.3	50.1	50.3	50.3	633
STANDARD DEVIATION	3.8	4.0	18.8	15.6	23.1	24.4	3.8	2.1	2.0	2.2	3.8	3.6	3.7	4.2	3.7	389
NUMBER OF SCHOOLS	902	902	906	906	906	906	849	849	849	849	880	880	880	880	880	902

SCHOOL NORMS

GRADE 7

I. METROPOLITAN CORE CITIES

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	28.8	31.6	87	50	80	100	54.5	53.6	52.5	52.8	53.6	54.2	54.0	53.2	53.7	1567
90	27.8	31.1	81	45	74	99	52.5	53.1	51.6	52.1	52.4	53.2	53.1	52.3	52.8	1382
85	27.4	30.6	77	41	70	98	51.8	52.7	51.0	51.6	51.4	52.2	52.0	51.6	52.0	1297
80	26.5	30.1	74	40	68	93	51.2	52.5	50.7	51.4	50.7	51.6	50.8	50.4	51.1	1193
75	25.6	29.0	71	39	65	83	50.3	52.2	50.3	51.1	50.2	50.8	50.3	50.0	50.4	1105
70	25.1	28.1	69	37	62	72	49.9	52.1	50.1	50.8	49.8	50.2	49.8	49.2	49.9	1046
65	23.6	26.8	67	35	60	57	48.8	51.8	49.8	50.6	49.1	49.7	49.3	48.2	49.1	970
60	23.1	26.3	65	34	57	44	48.0	51.6	49.6	50.4	48.2	49.1	48.0	47.6	48.5	884
55	22.3	25.9	63	32	55	36	47.4	51.3	49.3	50.1	47.3	47.7	47.4	46.5	47.5	857
50	21.9	25.2	60	31	53	28	47.0	51.1	49.2	49.8	46.2	47.1	46.4	45.7	46.4	795
45	21.4	24.9	58	29	49	23	45.9	50.8	49.0	49.6	45.2	46.1	45.5	44.5	45.3	737
40	21.0	24.4	57	28	47	19	44.9	50.6	48.8	49.5	44.4	45.4	44.8	43.5	44.9	687
35	20.6	23.9	55	26	46	16	44.3	50.4	48.6	49.3	43.3	44.3	44.0	42.4	43.7	657
30	20.0	23.5	53	25	43	12	43.7	50.2	48.5	48.9	42.5	43.8	43.4	41.7	42.9	614
25	19.6	22.9	51	24	41	8	43.0	49.8	48.3	48.6	41.8	43.1	42.6	40.8	42.4	585
20	19.3	22.5	48	22	38	4	42.0	49.5	48.1	48.4	41.1	42.1	41.8	40.2	41.6	541
15	18.5	21.7	44	19	36	3	41.3	49.2	47.8	48.0	40.5	41.3	40.9	39.7	40.8	477
10	17.6	20.7	41	16	32	2	40.7	48.8	47.4	47.9	40.1	40.8	40.3	39.2	40.3	403
5	16.3	19.8	34	15	26	1	39.3	47.4	47.1	47.1	39.3	40.0	39.5	38.6	39.8	324
MEAN	22.4	25.7	60.6	31.3	52.9	42.6	46.7	50.9	49.4	49.9	46.2	47.0	46.5	45.6	46.5	857
STANDARD DEVIATION	3.9	3.9	15.3	11.0	16.2	37.4	4.7	1.9	1.6	1.7	4.7	4.7	4.6	5.0	4.7	370
NUMBER OF SCHOOLS	176	176	180	180	180	180	152	152	152	152	179	179	179	179	179	176

SCHOOL NORMS

GRADE 7

II. CITIES

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	25.7	27.1	88	56	63	42	56.1	51.4	53.0	53.5	55.8	55.4	58.1	57.7	57.2	1401
90	24.6	26.8	83	54	58	23	55.8	51.2	52.2	53.1	54.6	55.3	55.3	56.4	55.9	1256
85	23.3	26.5	79	49	57	13	52.7	51.1	51.3	51.9	54.3	54.4	54.0	55.5	54.8	1042
80	22.9	25.6	73	44	56	12	52.4	50.9	51.2	51.6	53.2	53.7	53.8	54.7	54.0	1007
75	22.1	24.9	71	40	54	11	52.1	50.7	51.2	51.4	52.7	53.6	53.3	53.6	53.5	913
70	21.8	23.9	69	37	50	11	51.5	50.6	50.7	50.6	52.5	52.6	52.2	53.1	52.5	858
65	21.4	23.6	68	36	46	7	51.4	50.4	50.6	50.4	52.1	52.3	51.7	52.1	52.0	784
60	20.8	23.3	66	33	44	6	51.2	50.1	50.5	50.3	51.6	51.7	51.4	52.0	51.7	752
55	20.4	23.0	65	32	40	4	50.6	50.1	50.3	50.1	51.5	51.2	51.0	51.6	51.3	715
50	20.0	22.7	64	30	37	2	50.6	50.0	50.1	50.0	51.4	51.1	50.8	51.2	51.0	683
45	19.7	22.4	62	28	36	2	50.0	49.9	50.1	49.7	51.1	50.8	50.6	51.0	50.9	666
40	19.5	21.6	56	27	34	1	49.2	49.4	49.7	49.5	50.7	50.5	50.2	50.5	50.5	657
35	19.1	21.6	54	25	32	1	48.6	49.1	49.6	49.0	50.6	49.6	49.8	50.3	50.0	567
30	18.8	21.1	52	23	30	1	48.3	48.9	49.5	48.9	50.4	49.3	49.3	49.5	49.5	542
25	18.7	20.9	50	22	29	1	47.3	48.6	49.1	48.7	49.8	49.0	48.9	48.9	49.0	508
20	18.2	20.8	49	18	27	0	46.9	48.3	49.1	48.5	48.6	48.7	47.8	47.9	48.1	443
15	17.8	20.4	47	17	25	0	45.7	48.2	48.9	48.5	47.5	48.1	47.1	47.8	47.7	399
10	17.3	20.0	45	8	24	0	45.2	47.4	48.3	48.3	46.1	47.2	46.6	47.2	47.5	304
5	15.3	18.8	35	5	17	0	44.0	47.0	47.9	47.8	45.7	46.3	45.8	45.9	46.0	230
MEAN	20.3	22.9	61.9	30.4	39.8	9.0	49.8	49.6	50.1	50.1	50.9	51.0	50.9	51.3	51.1	732
STANDARD DEVIATION	3.1	2.7	15.5	15.0	15.4	15.9	3.8	1.4	1.6	1.9	3.3	3.3	3.7	3.7	3.5	352
NUMBER OF SCHOOLS	49	49	49	49	49	49	47	47	47	47	48	48	48	48	48	49

SCHOOL NORMS

GRADE 7

III. TOWNS

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	27.1	30.2	84	52	62	11	53.7	51.7	52.1	53.2	54.3	54.7	55.5	55.7	55.2	1146
90	25.9	28.6	80	43	54	8	52.9	51.0	51.5	52.9	53.8	54.0	54.3	54.8	54.2	986
85	25.0	27.8	74	39	50	6	52.3	50.7	51.0	52.5	53.2	53.3	53.4	54.4	53.6	917
80	24.4	27.3	69	35	46	4	51.9	50.5	50.9	51.9	52.5	53.1	52.8	53.8	53.1	868
75	23.8	26.7	67	33	43	3	51.6	50.2	50.7	51.6	52.2	52.9	52.6	53.3	52.8	811
70	23.2	25.8	65	32	40	2	51.4	50.1	50.5	51.1	52.0	52.4	52.4	53.1	52.5	737
65	22.8	25.2	62	30	39	2	51.3	49.9	50.4	51.0	51.6	52.2	52.2	52.7	52.4	708
60	22.4	24.8	60	26	37	2	51.1	49.8	50.2	50.7	51.4	52.0	52.0	52.4	52.1	672
55	21.7	24.2	59	25	36	1	50.7	49.5	50.1	50.5	51.3	51.6	51.7	52.1	51.8	649
50	21.4	24.0	57	23	34	1	50.5	49.0	49.9	50.3	51.1	51.4	51.5	52.0	51.6	613
45	21.2	23.7	54	22	32	1	50.2	48.9	49.6	49.8	51.0	51.2	51.2	51.8	51.4	578
40	20.8	23.0	52	20	30	1	50.1	48.8	49.4	49.6	50.7	51.1	50.8	51.5	51.2	538
35	20.4	22.8	50	19	27	1	49.9	48.6	49.3	49.3	50.6	51.0	50.6	51.3	51.0	518
30	20.1	22.7	48	18	22	1	49.5	48.4	49.2	49.1	50.3	50.9	50.3	51.1	50.8	469
25	19.9	22.5	44	15	20	1	49.3	48.1	48.9	48.8	49.9	50.6	50.0	50.7	50.6	452
20	19.6	22.2	41	14	15	0	48.9	48.0	48.8	48.5	49.6	50.2	49.9	50.3	50.2	409
15	19.0	21.8	40	11	12	0	48.4	47.7	48.4	48.2	49.3	49.8	49.4	49.9	49.9	354
10	18.5	21.0	37	7	10	0	47.9	47.4	47.9	47.8	48.5	49.2	48.9	49.1	49.2	310
5	17.8	20.2	31	4	5	0	47.3	46.8	47.6	47.2	48.0	48.2	48.2	48.1	48.3	185
MEAN	22.0	24.8	56.7	25.3	32.8	2.8	50.5	49.2	49.8	50.2	51.1	51.6	51.5	52.0	51.7	638
STANDARD DEVIATION	3.0	3.9	15.8	15.3	17.7	4.6	2.0	1.5	1.4	1.9	1.9	1.8	2.1	2.2	1.9	293
NUMBER OF SCHOOLS	119	119	119	119	119	119	117	117	117	117	119	119	119	119	119	119

SCHOOL NORMS

GRADE 7

IV. URBAN FRINGE

PERCENTILE DISTRIBUTION	SCHOOL RESOURCES: HUMAN RESOURCES (1) PUPIL/PROF. INSTRUCTIONAL STAFF RATIO	(2) PUPIL/TEACHER RATIO	(3) PERCENT TEACHERS WITH 5 OR MORE YEARS EXPERIENCE	(5) PERCENT TEACHERS WITH MASTERS DEGREE	(6) PERCENT TEACHERS EARNING $11,000 OR MORE	STUDENT BACKGROUND (13) PERCENT RACIAL-ETHNIC MINORITY STUDENTS	(14) STUDENTS' ESTIMATE OF SOCIO ECONOMIC STATUS (SCHOOL MEANS)	SCHOOL/STUDENT PERFORMANCE: ATTITUDE MEASURES (SCHOOL MEANS) (15) IMPORTANCE OF SCHOOL ACHIEVEMENT	(16) SELF PERCEPTION	(17) ATTITUDE TOWARD SCHOOL	BASIC SKILLS MEASURES (SCHOOL MEANS) (18) VOCABULARY	(19) READING	(20) MECHANICS OF WRITTEN ENGLISH	(21) MATHEMATICS	(22) BASIC SKILLS COMPOSITE ACHIEVEMENT	SCHOOL OR DISTRICT SIZE (24) NUMBER OF STUDENTS IN SCHOOL
95	25.5	28.3	74	57	72	17	59.5	52.7	53.1	52.5	57.2	56.6	56.5	57.2	56.8	1375
90	23.9	27.0	70	52	65	6	57.4	52.1	52.7	52.1	55.4	55.3	55.3	55.9	55.1	1205
85	22.8	26.1	65	49	60	3	55.9	51.7	52.3	51.7	54.7	54.5	54.3	54.4	54.6	1104
80	22.2	25.2	64	44	57	2	54.9	51.2	52.0	51.2	54.3	53.8	53.5	54.2	53.8	1040
75	21.9	24.9	61	41	54	2	53.8	51.0	51.7	51.1	53.8	53.5	53.2	53.5	53.3	1007
70	21.5	24.4	59	38	52	2	53.5	50.9	51.5	50.8	53.3	53.1	52.7	53.1	52.8	954
65	21.1	24.0	56	36	49	1	52.8	50.7	51.4	50.5	52.8	52.7	52.3	52.8	52.5	901
60	20.6	23.6	54	34	47	1	52.4	50.5	51.1	50.3	52.5	52.4	52.1	52.4	52.2	860
55	20.3	23.3	51	32	43	1	52.0	50.4	50.9	50.1	52.3	52.1	51.6	52.0	52.0	814
50	20.2	23.0	50	30	40	1	51.5	50.2	50.8	49.9	52.0	51.7	51.3	51.8	51.6	784
45	19.9	22.7	48	28	37	1	51.1	50.0	50.5	49.7	51.7	51.4	51.1	51.4	51.3	743
40	19.6	22.4	46	26	34	1	50.8	49.8	50.3	49.5	51.4	50.9	50.7	51.0	51.0	709
35	19.3	22.2	44	24	32	1	50.3	49.6	50.1	49.3	51.0	50.7	50.3	50.7	50.7	666
30	18.8	21.8	41	22	29	0	49.9	49.4	49.8	48.9	50.6	50.4	50.0	50.5	50.3	611
25	18.4	21.4	38	21	26	0	49.3	49.2	49.6	48.7	50.1	50.1	49.6	50.2	50.0	571
20	17.8	21.1	37	19	24	0	48.2	48.9	49.2	48.5	49.8	49.6	49.3	49.7	49.7	524
15	17.2	20.7	34	17	21	0	47.6	48.7	48.8	48.2	49.0	49.2	48.9	48.9	49.2	480
10	16.6	19.8	30	14	17	0	46.2	48.0	48.5	47.7	48.1	48.6	48.0	48.1	48.5	422
5	15.8	18.7	26	9	13	0	44.5	47.5	47.7	46.9	44.9	46.4	46.3	45.5	46.4	356
MEAN	20.3	23.2	50.1	31.4	40.7	4.1	51.7	50.1	50.6	49.9	51.8	51.7	51.4	51.7	51.6	821
STANDARD DEVIATION	2.9	3.0	15.5	14.9	18.7	13.5	4.2	1.6	1.7	1.8	3.3	3.0	3.0	3.2	3.0	369
NUMBER OF SCHOOLS	221	221	221	221	221	221	219	219	219	219	220	220	220	220	220	221